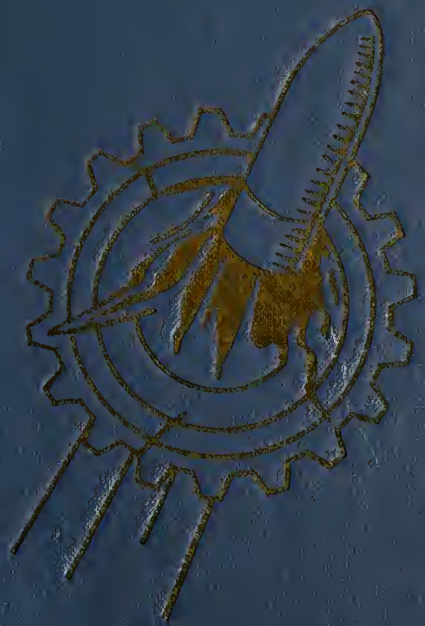
Case DIFFERENTIAL 1943



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CASE SCHOOL OF APPLIED SCIENCE, CLEVELAND, OHIO

DECEMBER, 1942

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"Case Has a Bigger Job Now"

Case School of Applied Science is a repository of technical knowledge so vital to a nation at war. Formerly, the men Case trained became engineers who assumed the responsibility of the profession. Today, however, the Case man is being prepared for a far greater job. He is being trained for the task of being a specialist who will help win a war of specialization.

The union between Case and vital war industries is shown pictorially on the opposite page as President W. E. Wickenden confers the honorary degree of Doctor of Engineering on Mr. Kenneth Ebel, vice president of the Glenn L. Martin Company.

Case is an Arsenal of Engineering Ability

As we pause and let our thoughts wander . . . we dream of the glorious future, when we will again know a world of peace. But before peace can be appreciated we must pass through a period of reconstruction.

Case men, with their eyes toward this adjustment, are ready, not only to take their place in the present conflict but to help repair a torn world for an era of peace. Thus . . . the goal of every Case man is the maintenance of our way of life and the establishment of a just and democratic peace.

Case Will Play a Part in Reconstruction

AND SO THE

1943 Differential

The year book of Case School of Applied Science, published by the Junior Class, and appearing in December for the first time, records the accelerated life on the college campus. Herein is shown the life of work and play of the men who will soon take their places in industry and America's fighting forces.

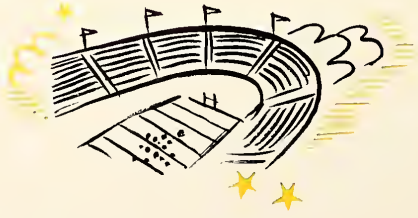
GEORGE WENNES, Jr.
Editor

MILTON POLLOCK
Business Manager

OUR SCHOOL . . . *The Arsenal*

SCHOOL LIFE . . . *Arsenal Activities*

FRATERNITIES . . . *Arsenal Social Life*



ATHLETICS . . . *Arsenal Recreation*

OUR SCHOOL . . .

The Arsenal

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168
167
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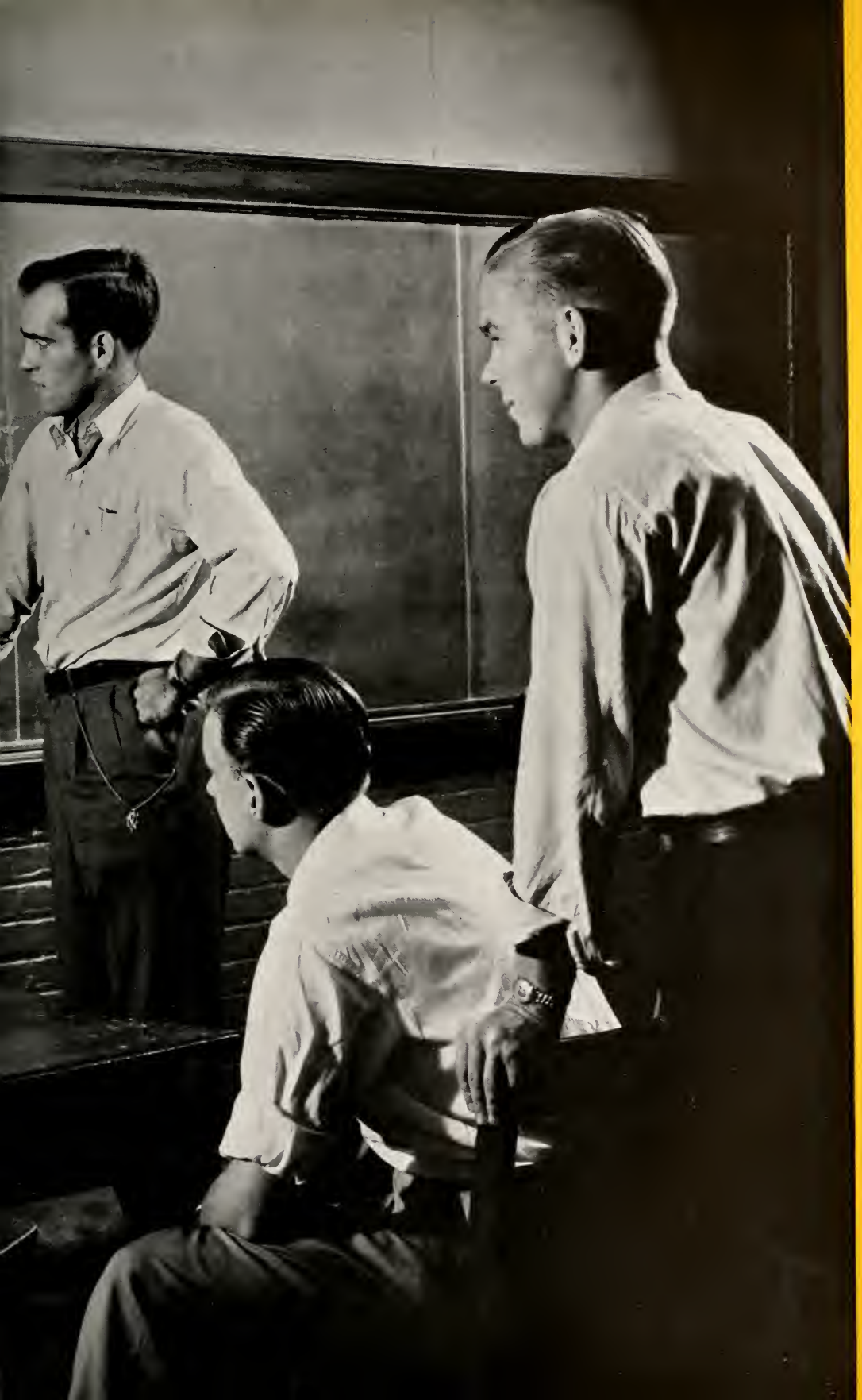
300
Calibration Fa
70 degrees



A Message from the President
TO CASE MEN

We shall remember 1942-43 as a year of outward confusion and inner unity. Confusion has come with a speeded schedule, extra work and constant uncertainty, yet each of us has been guided by the same compelling urge to contribute his utmost to winning the war and preparing the future peace.

Case has become an arsenal, forging materials, ideas and men into instruments of war. The college plant has been working from eight in the morning until ten at night. We have outrun our space and have had to take over an additional building as a War Training Annex. The load of teaching and research borne by the Faculty has increased by nearly one-third. To aid our regular staff, nearly two hundred other persons have been pressed into part-time service. We have had to enlist the cooperation of six other colleges and of school authorities and chambers of commerce in ten outlying cities of north-eastern Ohio.

Among our direct contributions to the war effort we may count the four men from our Faculty sent into the armed forces and the four others into critical fields of war research, the two classes graduated within an eight months' period which added more than a hundred officers to the fighting forces and nearly three hundred engineers to the production front. We may also count with pride the twenty or more war research projects handled, all with valuable and some with spectacular results.

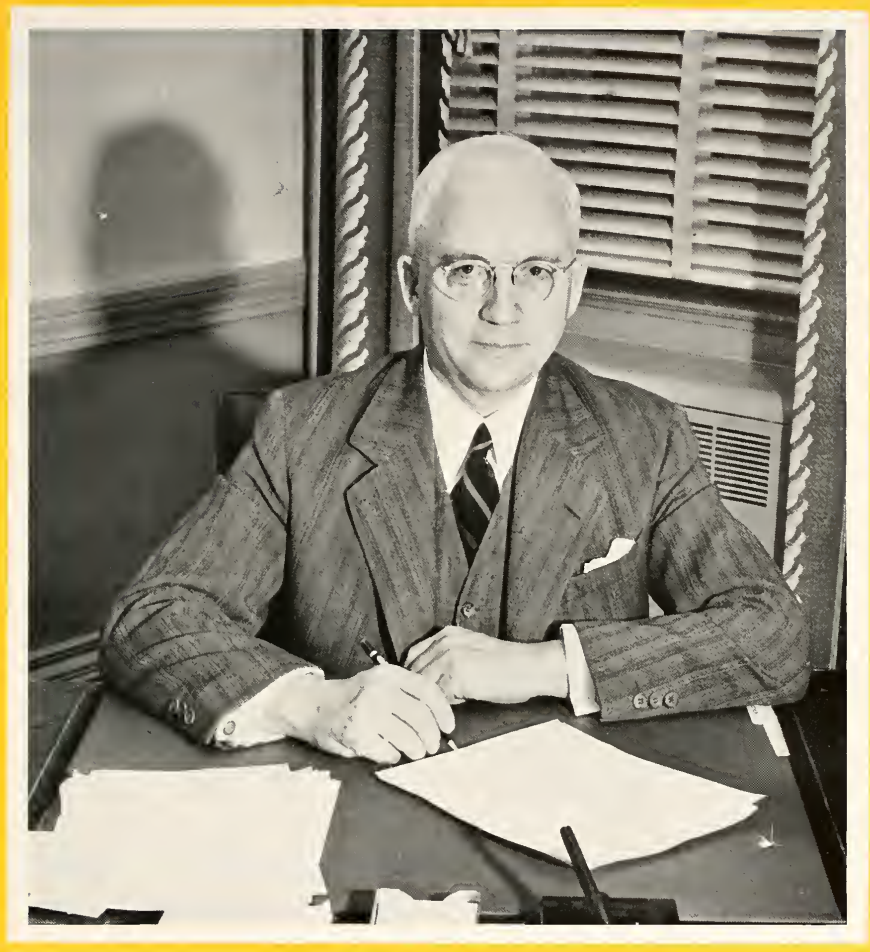
Outstanding as a war contribution has been the great program of special war training sponsored by Case all over northeastern Ohio. Four thousand war workers, including a group of officers of the Army and the Navy as well as many civilian employees of the Ordnance Department, the Signal Corps, and the Air Corps, have received this training.

During the year equipment valued at more than $80.000 has been added to our laboratories and we have expended more than $1,000,000 in operating expense, as compared with half that amount ten years ago.

Beside this monumental volume of work we may place the equally fine record of voluntary war activity, of blood given and bonds bought, of scrap collected and protection organized, of ride sharing and of War Chest contributions. A tough year? Yes, but a great one!

William E. Wickenden

November 16, 1942



WILLIAM E. WICKENDEN

PRESIDENT

With a sound knowledge of young men and their trials, tribulations and sorrows, the Prexy has helped give Casey's Engineers a good start in life for the past fourteen years.

Always holding the appropriate story or comment in store for the occasion . . . a true and loyal backer of all College activities . . . Dr. Wickenden is recognized nationally as a speaker, educator, and writer.

Dean and Assistant Dean

THEODORE M. FOCKE
DEAN

A new Case man very soon comes to know Dean Theodore M. Focke, and just as soon comes to acquire a mingled feeling of respect and admiration for him.

Dean Focke, a Case graduate, is always ready to help a troubled student. In addition to his administrative work, supervising the curricula, he is acting as Army and Navy Procurement officer on the campus.

LAWRENCE W. MILLS
ASSISTANT DEAN

Lawrence W. Mills is his real name, but no one has ever known him except as "Larry." Yes, he is the man you saw when you thought you were flunking, when you were just two jumps ahead of the draft board, and whenever you needed advice. "Larry will fix it!" you said.

Larry became an Army captain this fall, and we hope he can do as much for the war effort as he has done as "Big Brother" for every Case student.

Administrative Officials

Willard E. Nudd

REGISTRAR

One of the key men at Case is the registrar . . . and one of the ablest men who has ever held that position is Willard E. Nudd. In the classroom or office, he is never too busy to assist in the solution of a pressing difficulty or problem. For this, Casey will remember him well.

PLACEMENT DIRECTOR

Genial Larry Denison, Case alumnus, in his first year as placement director, is advising men concerning entering the services or industry. Having experience in engineering and securities, he has returned to Case for the duration.

Larry Denison

DEFENSE DIRECTOR

Prof. Clyde A. McKeeman is one of the busiest men on the Case campus. As chairman of Case's evening division and director of defense training he plays a leading part in the program of cooperation with the war effort.

Clyde A. McKeeman

DEFENSE TRAINING

War activities . . . the keynote of life at Case. New courses for defense workers in the Case War Training Annex Building have attracted many students in both day and evening divisions . . . students coming from both army and civilian life.

W. Griffin King

ALUMNI SECRETARY

Mr. Charles F. Chapman, better known as "Chappie" to all Case men, performs the important function of being the tie between Case and alumni in all parts of the world. "Chappie" is the chairman of the Boord of Publications and manager of **The Alumnus.**

TREASURER

Mr. W. Griffin King is the man to ask if you want to know where the money goes and where it comes from. He's Case's able and efficient treasurer . . . bearing the responsibility of keeping Case's books on the credit side.

Charles F. Chapman

G. E. Barnes, C.E.
Head, Department
of Civil Engineering

Department of Civil Engineering

M. S. Douglas
Associate professor
of Civil Engineering

C. A. Carlson
Graduate assistant
of the Department
of Civil Engineering

M. S. Ketchum
Assistant professor
of Structural
Engineering

G. B. Earnest
Associate professor of
Engineering Surveying;
Executive Secretary of
the College Administration

Carlson, Ketchum, Earnest, Douglas

Department of Civil Engineering

What's the No. 1 curriculum at Case? Civil Engineering. That's the department where the boys play with mud pies in the Highways Lab, water purification in the Sanitary Lab, and building design in Structures Lab.

"What are those boys doing out in the snow with that three-legged instrument?" asks some inquisitive bystander.

"Oh, those are Sophomore Civils finishing up their maps of the Case campus," answers Prof. Brooks Earnest.

It's an actual fact that in the Civil Department there's plenty of work, but there's also plenty of play, because the work is enjoyable.

Senior Civils . . .

Bartlett

Garman

Gutkowski

Horris

Heppert

Keidel

Krickenberger

Messner

Nyerges

Olesen

Ponek

Poffenberger

Price

Richmond

Slater

Sowers

Stock

Swisher

Symes

Wischmeyer

Wesley J. Bartlett
Phi Kappa

Richard F. Garman
Sec'y-Treas. of Senior Class, Interfraternity Council, Band, Orchestra, Wrestling, A.S.C.E., A.R.B.A., Zeta Psi

George A. Gutkowski
A.R.B.A., A.S.C.E., Phi Kappa

Donold W. Horris
A.S.C.E., A.R.B.A.

Ernest D. Heppert
Football, Wrestling, Pres. Senate, Tau Beta Pi, Track, Theta Tau, Blue Key, Who's Who, Pres. Beta Theta Pi

Robert H. Keidel
Swimming, Athletic Board, Differential, A.S.C.E., Who's Who, Blue Key, Phi Delta Theta

Custer F. Krickenberger
Football, Zeta Psi

Jack E. Messner
A.S.C.E., A.R.B.A., Basketball, Phi Kappa Psi

Gilbert A. Nyerges
Gamma Phi, Band, Orchestra, A.S.C.E., A.R.B.A., Campus Club

Robert J. Olesen
Fencing, Differential, Sigma Chi

Richard E. Panek
Theta Tau, Tau Beta Pi, A.S.C.E. (Pres.), A.R.B.A., Tech Sports Editor, Differential, Zeta Psi

James C. Paffenberger
Theta Tau, Tau Beta Pi, Swimming, Beta Theta Pi

Chalmer T. Price
A.S.C.E., Sigma Nu

Richard T. Richmand
Tech, Differential, Swimming, Phi Kappa Psi

Wilson D. Slater
Phi Kappa Psi

George F. Sowers
Blue Key, Theta Tau, Tau Beta Pi (Pres.), Who's Who, Band, Tech, Glee Club, A.R.B.A., Orchestra, Speakers Bureau, Debate Club, A.S.C.E., Beta Theta Pi

John F. Stock
A.S.C.E., A.R.B.A., Sigma Nu

James M. Swisher
A.S.C.E., A.R.B.A., Sigma Chi

Lester H. Symes
News Service Editor, Tech Staff, Board of Publications, Theta Tau, A.R.B.A., A.S.C.E., Tau Beta Pi, Blue Key, Who's Who, Campus Club

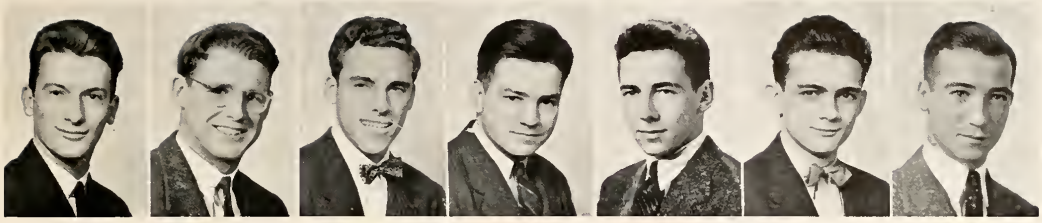
William J. Wischmeyer
Theta Tau, Tau Beta Pi, A.S.C.E., Orchestra Mgr., Band, Glee Club, A.R.B.A., Interfrat Council, Phi Kappa Tau

First Row: Heppert, Richmond, Stock, Harris.
Second Row: Symes, Messner, Poffenberger, Price, Nyerges.
Third Row: Winterich, Panek, Garman, Brewer, Keidel.
Fourth Row: Barnes, Gregory, Olesen, Bartlett, Baty, Kominek.

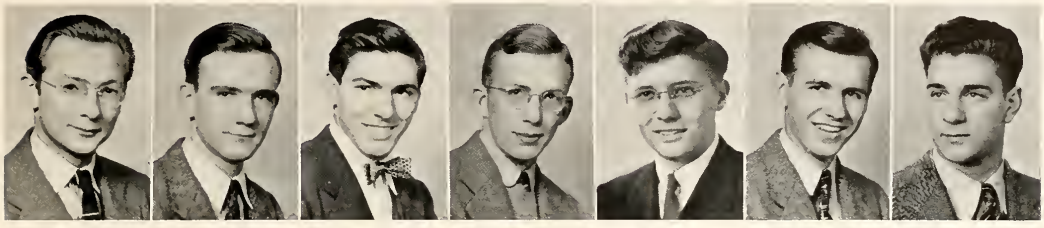
American Society of Civil Engineers

One hundred per cent membership of the civil engineering students in the Case chapter of the A.S.C.E. . . . this is the proud boast of its president, Dick Panek. One of the most active of all student organizations, outstanding speakers are featured at the biweekly meetings. A well filled social calendar, together with its popular publication, the "Plumb Bob," keeps the members busy in spare moments. Inspection trips to outstanding engineering projects are another function of the A.S.C.E.

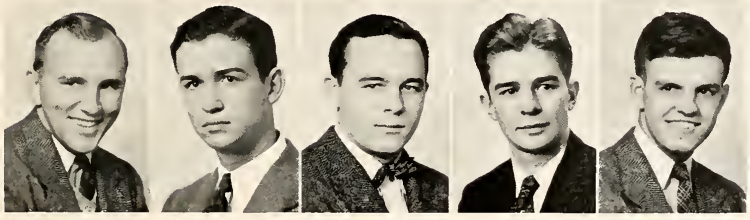
Junior Civils



Barnes Baty Berlin Besmen Bramson Brewer Collins



Dalton Davis Gelman Gregory Jackson Kominek Miller



Robertson Snow Vokoun Winterich Zwierlein

A. H. Barnes
East Cleveland, Ohio
"On the Pennsylvania . . ."

H. B. Baty
Buffalo, N. Y.
"Howdy Straight Shooters"

G. J. Berlin
Cleveland Heights, Ohio
"You wrong"

H. C. Besmen
Garfield Heights, Ohio
"The way I see it . . ."

J. H. Bramson
Cleveland Heights, Ohio
"G. I. Jeans"

W. C. Brewer
Cleveland, Ohio
Structures Critic

J. M. Collins
Cleveland Heights, Ohio
"Ask Joe"

C. B. Dolton
Shaker Heights, Ohio
"Certainly, how else would I get these grades."

W. H. Davis
Garfield Heights, Ohio
"Try activated sludge"

E. M. Gelman
Cleveland Heights, Ohio
"I don't get it"

J. W. Gregory
Titusville, Pennsylvania
"Tot from Titusville"

J. W. Jackson
Euclid, Ohio
"Who stole my lock?"

H. P. Kominek
Lakewood, Ohio
"Man is degrading"

F. Miller
Cleveland, Ohio
"Ef yo talk to the Lawd everything be okay."

H. A. Robertson
Cleveland, Ohio
"My wife won't let me."

G. W. Snow
Cleveland, Ohio
"You gotta be accurate."

H. J. Vokoun
Cleveland Heights, Ohio
"The Thinker"

J. H. Winterich
Lakewood, Ohio
"Integrate it."

C. Zwierlein
Lakewood, Ohio
"I'll take it home and sell it to my old man."

BOILER FEED PUMP
WITH
STEAM TURBINE DRIVE

F. H. Voss, M.E.
Head, Department of
Mechanical Engineering

Department of Mechanical Engineering

C. L. Bennett
Instructor in
Machine Work

F. E. Smith
Instructor in
Mechanical Engineering

D. K. Wright
Assistant Professor of
Mechanical Engineering

R. V. Brown
Assistant Professor of
Mechanical Engineering

G. B. Priester
Instructor in
Mechanical Engineering

G. L. Tuve
Professor of
Heat Power Engineering

R. R. Slaymaker
Associate Professor of
Machine Design

First Row: Bennett, Priester. **Second Row:** Smith, Tuve, Wright, Slaymaker, Brown.

Department of Mechanical Engineering

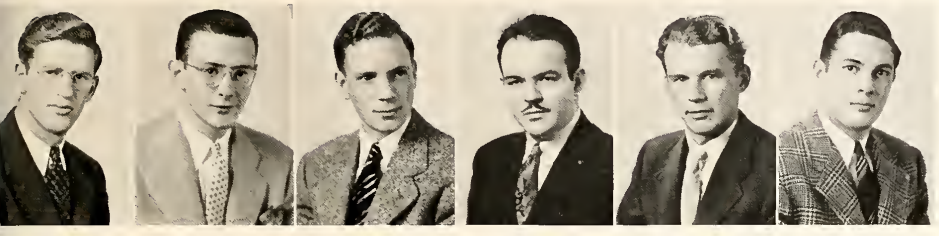
Casey's mechanicals . . . the elite of the campus . . . hold forth in the Bingham Building. Fitted with every type of equipment imaginable, the numerous labs are designed to acquaint Casey with the principles of production design . . . heat and power . . . and aerodynamics.

When the mechanicals specialize, they come under the protective wing of a particular professor. "Doc" Weske shelters all aeronautically inclined men and enlightens them in the mysteries of the aero lab.

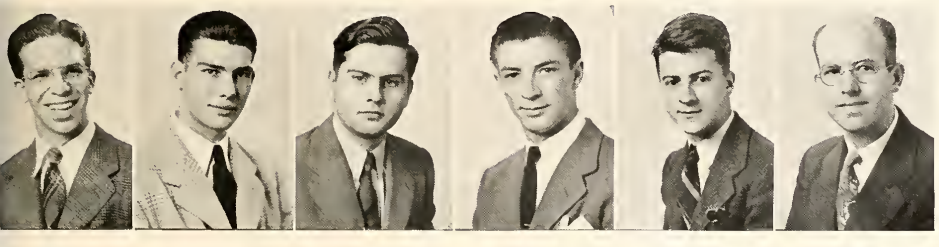
Though the largest department on the campus . . . Casey's mechanicals are a closely knit and active group . . . held together principally by a very active student chapter of the A.S.M.E.

Senior Mechanicals . . .

Adams Albright Armington Artner Berger Blackman



Boman Brown Burdick Burnett Callaghan Charlton



Citron Clarke Climo Coan Cockrell Curtis

Donald W. Adams
A.S.M.E., Campus Club

Albert A. Albright
Track, A.S.M.E., Phi Kappa Tau

Arthur P. Armington
Band, A.S.M.E. (Treas.)

Wilbur J. Artner
Football, Track, Phi Delta Theta

Peter Berger
Wrestling, Cross Country

Calvin C. Blackman
Band, A.S.M.E.

David S. Boman
Football, Pi Sigma Phi

Richard E. Brown
Athletic Association, Glee Club, Freshman Football, A.S.M.E., Beta Theta Pi

John K. Burdick
Glee Club, Differential, Sr. Football Mgr., Phi Delta Theta

James E. Burnett
Fencing

Robert L. Callaghan
Football, Beta Theta Pi

Thomas R. Charlton
A.S.M.E., Beta Theta Pi

Manny Citron
Wrestling, Pi Sigma Phi

Bruce T. Clarke
Basketball, A.S.M.E., Phi Delta Theta

James O. Climo
Honor Key, Blue Key, Musical Clubs, Differential, Phi Kappa Psi

Edward R. Coan
Football, Phi Delta Theta

Edwin E. Cockrell
Tau Beta Pi, Theta Tau, Hockey, Treas. Blue Key, Senate, Senior Intramural Mgr., Intrafraternity Council, A.S.M.E., Who's Who, Phi Kappa Psi

Harold J. Curtis
A.S.M.E.

Deuring

Dunes

Eichler

Fiedler

Fobes

Forbes

Gleoson

Groszmonn

Hacker

Hamilton

Hankes

Harris

Haskins

Hays

Hoefler

Hubbell

Hudak

Hudec

Kenneth Deuring
Band

Walter A. Dunes
A.S.M.E.

Arthur C. Eichler

George H. Fiedler
Hockey, Sigma Alpha Epsilon

Bernie R. Fobes
Blue Key, Soph. Class Pres., Frash. V. Pres., Basketball, Footbal, Phi Kappa Psi

Lawrence R. Forbes
Footbal, Beta Theta Pi

Fletcher Gleason

Nicholos M. Groszmonn
Fencing

John L. Hacker
A.S.M.E., Phi Kappa Tau

William L. Hamilton
Band, A.S.M.E., Phi Kappa Tau

Wilbur R. Hankes
Pres. Class '43, Footbal, Gamma Phi, Blue Key, Phi Delta Theta

Donald W. Harris
A.S.M.E., Tech, Interfraternity Council, Pi Sigma Phi

Monly K. Haskins
Beta Theta Pi

Willard C. Hays
Glee Club Mgr., Basketball, Phi Kappa Psi

Erlond C. Hoefler
Athletic Assaciation, Sigma Alpha Epsilan

Clifton H. Hubbell
Band, Orchestra, A.S.M.E., Tau Beta Pi, Campus Club

Edward G. Hudak
A.S.M.E., Phi Kappa Tau

Edward J. R. Hudec
Demonstrator in Industrial Eng., Theta Tau, Tau Beta Pi

Senior Mechanicals

Senior Mechanicals

Robert J. Jones
Track

George J. Keto
Basketball, Track, Blue Key, A.S.M.E., Beta Theta Pi

Donovan F. King

Edward Kostir
Track Mgr., Tech, A.S.M.E., Tau Beta Pi, Campus Club

Daniel R. Krall
Tech, Pi Sigma Phi

Ned L. Lamprecht
Wrestling, Beta Theta Pi

Robert M. Lehto
Blue Key, Football, Track, Sigma Nu

Robert E. Linn
News Service, Athletic Association, Intramurals, A.S.M.E., Beta Theta Pi

William S. Lloyd
Interfraternity Council, Differential, Phi Delta Theta

William G. May
Sigma Alpha Epsilon

Charles L. Mlakar
Football, Basketball, Track, Theta Tau, Blue Key, Honor Key, Who's Who, Differential, Pres. Senior Class, Phi Delta Theta

Walter F. Mlynko
Business Mgr. of Differential, Student Editor of Alumnus, Swimming, A.S.M.E., Who's Who, Tau Beta Pi, Theta Tau, Blue Key, Honor Key, Board of Publications, Sigma Alpha Epsilon

Orris W. Morgan
Tau Beta Pi, Vice Pres. Theta Tau, Interfraternity Council, Athletic Association, Freshman Basketball, A.S.M.E., Sec.-Treas. Sophomore Class, Tau Beta Pi, Sigma Nu

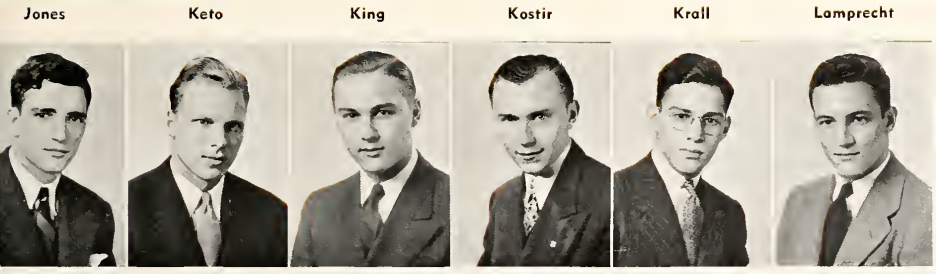
James Nassau
Tau Beta Pi, Tech, Differential, Alumnus, Phi Kappa Psi

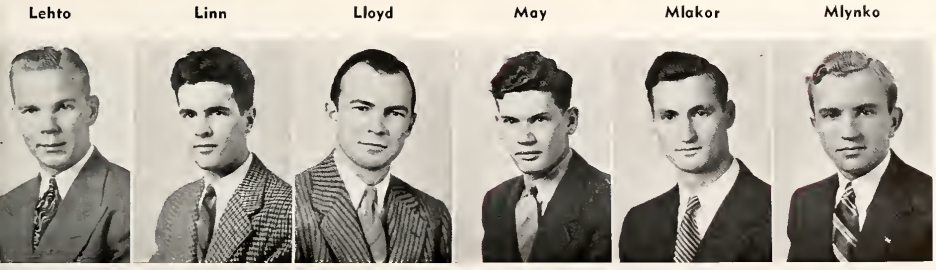
John O. Niederhauser
Football, Wrestling, Blue Key, Theta Tau, A.S.M.E., Who's Who, Phi Delta Theta

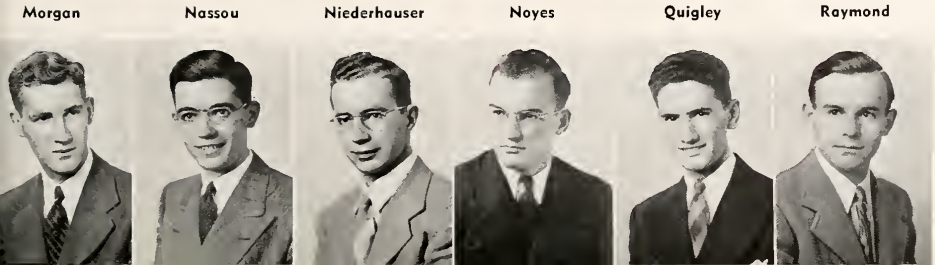
Robert N. Noyes
Tech, Differential, Glee Club, A.S.M.E., Campus Club

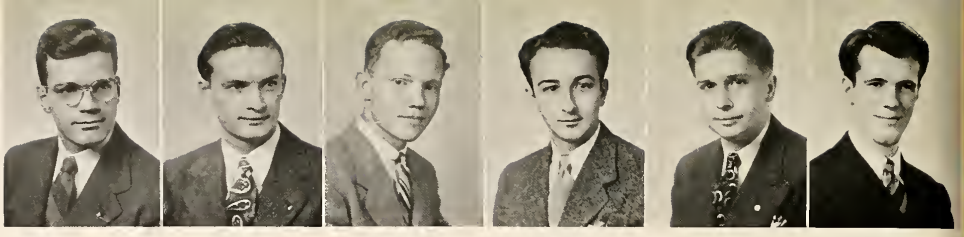
Edward P. Quigley
Tau Beta Pi, Fencing, Differential, Tech, Who's Who, Track, Athletic Association, Cross Country, A.S.M.E.

David L. Raymond
Band, Orchestra, Intramurals, Phi Kappa Psi

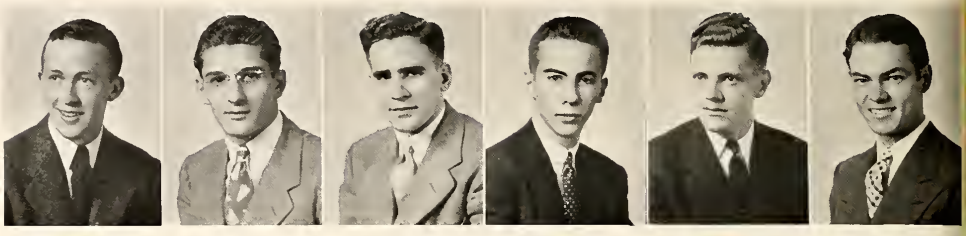

Jones Keto King Kostir Krall Lamprecht


Lehto Linn Lloyd May Mlakor Mlynko


Morgan Nassau Niederhauser Noyes Quigley Raymond



Redmond Richards Russell Schafer Schnetzler Schum



Shortt Sich Skiba Smail Smith Thompson

Urich Watters Willison Winship Wise Young Zamboky

Gomer H. Redmond
Tech, Band, Wrestling, Beta Theta Pi

Hadley T. Richards
Band, Orchestra, A.S.M.E., Phi Kappa Tau

George F. Russell
Glee Club, Tech, Phi Kappa Psi

Louis J. Schafer
Band, Glee Club, A.S.M.E., Campus Club

John M. Schnetzler
A.S.M.E.

Harold J. Schum

Charles B. Shortt

Edward J. Sich

Edward J. Skiba

Richard F. Smail
Blue Key, Theta Tau, Tau Beta Pi, Intramural Manager, Differential, Alumnus, Phi Kappa Psi

James R. Smith
A.S.M.E.

Wayne W. Thampson

John F. Urich
Blue Key, Football, Sigma Nu

Ray B. Watters
A.S.M.E., Phi Delta Theta

Robert E. Willison
A.S.M.E., Case News Service, Frosh Wrestling, Zeta Psi

John T. Winship
Honor Key, Pres. A.S.M.E., Band, Orchestra, Glee Club, Associate Editor Tech, Track

Donavan C. Wise
A.S.M.E., Phi Kappa Tau

Robert Young
Football

Andrew N. Zamboky
Sec. A.S.M.E., Orchestra, Campus Club

Senior Mechanicals

American Society of Mechanical Engineers

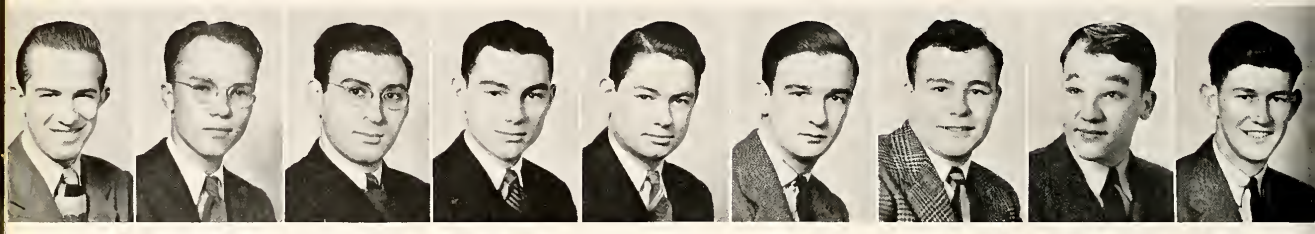
"Friendships and acquaintances mean a lot in later life. Therefore, the friendships and acquaintances formed with men of industry, both within and through contact with the American Society of Mechanical Engineers, will be a major portion of your professional foundation," President Johnny Winship impressed upon the minds of his fellow members at the opening meeting.

The A.S.M.E. at Case is the largest professional organization on the campus. Under the leadership of Art Armington, treasurer, and Andy Zamboky, secretary, they have enlarged their social program with various activities to keep in step with the accelerated college program.

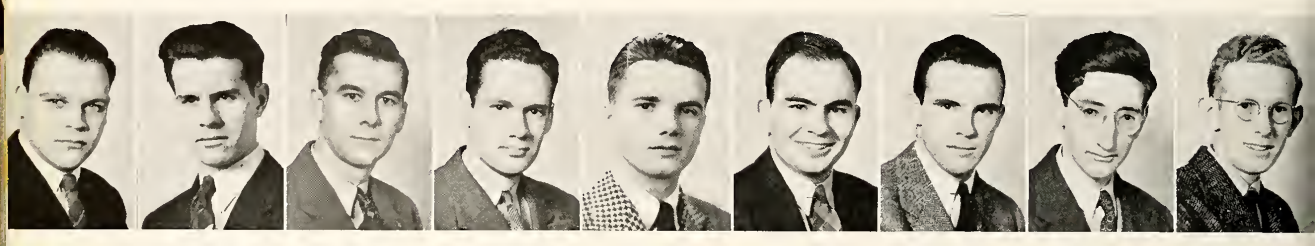
First Row: Kavachy, Ursu, Mau, Kostir, Schnetzler, Schafer, Berger, Zamboky.
Second Row: Carter, Schellentrager, Hausrath, Young, Noyes, Mlynko, Quigley, Wise.
Third Row: Hofstatter, Grassman, Taylor, Boman, Carlin, Morgan, German, Albright, Professor Slaymaker, Hudec.
Fourth Row: Woodworth, Owen, Vermillion, Reiner, Bastian, Voss, Winship.

Junior Mechanicals

Anderson Anjeskey Anthony Bashaw Bastian Berger Bernbaum Billy Blass



Boenker Bolling Brodsky Bromm Brumagin Bruns Burnett Carleton Carlin



Carter Conrad Cook Cox Doy Diener Eicher Fingerhut Gardner

B. G. Andersan
Cleveland Heights, Ohio
Head above the clauds

R. A. Anjeskey
Cleveland, Ohio
"Hop-along"

W. A. Anthony
Cleveland, Ohio
Sharp as a horse

D. R. Bashow
Racky River, Ohio
Mechanized Maaner

R. W. Bastian
Cuyahaga Falls, Ohio
"Nuts!"

J. A. Berger
Cleveland Heights, Ohio
An apple a day keeps the draft away.

H. I. Bernbaum
Cleveland, Ohio
"In unity there is strength,
in strength there is homewark."

W. S. Billy
Cleveland, Ohio
Warry, worry, worry.

T. W. Blass
Cleveland, Ohia
Sharpie

H. F. Boenker
Lakewood, Ohio
The Demon

C. L. Balling
Huntington, West Virginia
The Student

I. Bradsky
Cleveland, Ohio
The Russian Terrar

F. H. Bromm
Hampstead, New York
"Girl's, dan't crawd me."

T. H. Brumagin
Westfield, New York
"This war is kicking heck aut af my automabile business."

W. H. Bruns
Huron, Ohia
"Coffee keeps me awake in class, so I dan't touch it."

J. M. Burnett
Chagrin Falls, Ohio
"Wha in the . . . are yau?"

R. J. Carleton
Cleveland Heights, Ohia
"What time is it?"

J. J. Carlin
Cleveland, Ohio
Watch my smake.

J. N. Carter
Cleveland Heights, Ohio
The married man?

E. W. Conrad
Cleveland, Ohia
Twa is one tao many.

E. C. Cook
Cleveland, Ohia
The Laver

R. W. Cox
Dallas, Texas
"This schaal needs southern wamen."

R. A. Day
Lakewood, Ohio
Sleeping Beauty

R. E. Diener
Cleveland Heights, Ohia
Courtesy of Graphite.

W. W. Eicher
Indiana, Pennsylvania
The speedy Rough Rider.

S. M. Fingerhut
Cleveland Heights, Ohio
Salaman . . . he'll never have a thausand wives.

C. M. Gardner
North Olmstead, Ohio
"Burnett, let me in."

Junior Mechanicals

R. C. Gerhan
Lakewaad, Ohia
". . . and she's pretty tao . . ."

J. G. German
Glasgaw, Mantana
Potential designer af a 100% efficient steam pawer lacamative.

G. R. Glasgow
Yaungstawn, Ohia
Cheney's peeve

J. E. Gracely
Marian, Ohia
"Little Gracie"

T. E. Gravenstreter
New Wilmingtan, Penna.
"It's a gaad thing that everyplace isn't hame . . . I'd never ga anywhere."

T. G. Gregory
Ravenna, Ohia
"Bug-eyes"

H. M. Hahn
Shaker Heights, Ohia
Goad reference Material

T. O. Haig
Ypsilanti, Michigan
Overslept again

R. A. Harmon
East Cleveland, Ohia
"Hot Stuff"

R. W. Hausrath
Cleveland, Ohia
He wears a pair af silver steam tables.

T. A. Healy
Lakewaad, Ohia
". . . never again . . ."

W. T. Higgs
Cleveland Heights, Ohia
See Bill far bargains

F. F. Hofstotter
Cleveland Heights, Ohia
Just maaning

R. H. Horn
Shaker Heights, Ohia
Farever blawing

K. P. Harsburgh
Shaker Heights, Ohia
Anything far a laugh

W. G. Jewett
Bedford, Ohia
The Laudanville laver

E. A. Jirus
Cleveland, Ohia
"Any Ads Today?"

K. F. Juengling
Lakewaad, Ohia
"I can't figure aut what makes me sa papular with the women."

M. D. Kilmer
Shaker Heights, Ohia
"Warts"

E. J. Kinkopf
Cleveland, Ohia
"Plums, where did I get these?"

E. H. Kaepke
Cleveland Heights, Ohia
One half af Walfs and Kaepke

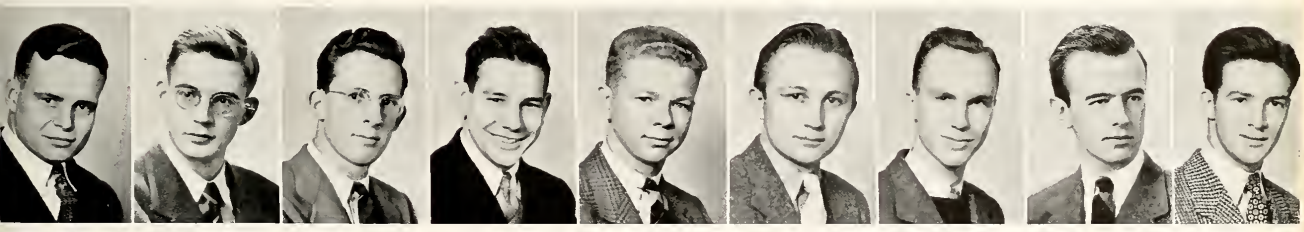
M. G. Kafskey
Cleveland, Ohia
Sleeps like a lag

A. R. Karach
Cleveland Heights, Ohia
"Stradevarius"

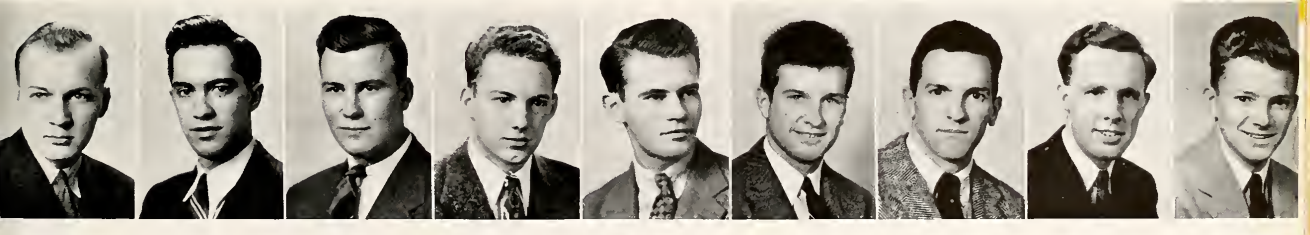
E. L. Kavachy
Narth Olmstead, Ohia
"Remind me to dan't apen my mauth na mare."

W. A. Kretch
Cleveland Heights, Ohia
"It's a great life if you dan't week-end"

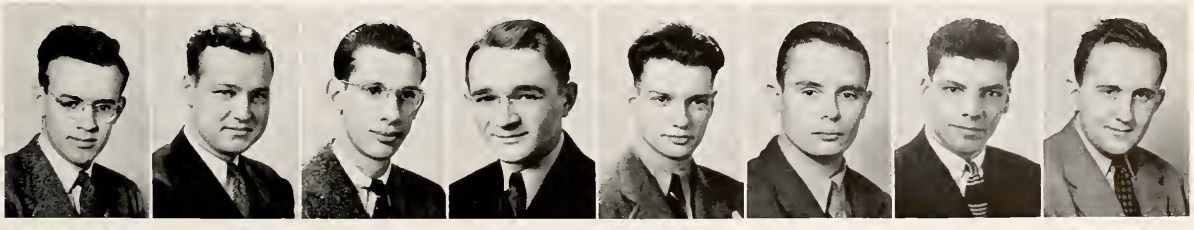
J. M. Limbeson
Cleveland, Ohia
"I want langer assignments sa I'll get my maney's warth."



Gerhan | German | Glasgow | Grocely | Gravenstreter | Gregory | Hahn | Haig | Harmon



Hausroth | Healy | Higgs | Hofstatter | Harn | Horsburgh | Jewett | Jirus | Juengling



Kilmer | Kinkopf | Kaepke | Kofskey | Karach | Kavachy | Kretch | Limbeson

Junior Mechanicals

K. G. Lusher
Perrysburg, Ohio
"Yes, I knaw, but what units is "M" in?"

M. Martin
Geneva, Ohio
A professar's pride and joy.

R. J. Martin
Lakewaad, Ohia
Glamaur Bay

R. H. Martindale
Lakewaad, Ohio
R for rapid

W. L. Mau
Shaker Heights, Ohia
"I can get it for you wholesale."

R. P. McClain
Cleveland, Ohio
"Why daesn't someane tell me what's gaing an in here?"

J. P. McLarty
Cleveland Heights, Ohio
The Apran-string Kid

J. R. Meehan
Cleveland, Ohio
"Let's cut Strength!"

E. K. Mehl
Youngstawn, Ohia
"Where did you say the steam went?"

S. J. Mills
Lakewaad, Ohia
"It must be jelly."

N. S. Maare, Jr.
Columbus, Ohia
"I'm sorry, Dac, but yau're there."

J. C. Neel
Shaker Heights, Ohia
"A chaperan? . . . darnit!"

R. J. Nyerges
Cleveland, Ohio
Would make a gaad sergeant.

J. T. Owen
Geneva, Ohia
Better late than never.

H. A. Pohta
Fairport Harbar, Ohio
"Navy, here I came!"

H. M. Pantius
Painesville, Ohia
Student af Anatamy . . . Lake Erie College.

R. N. Reinberger
Cleveland Heights, Ohia
Object . . .

W. C. Reinberger
Cleveland Heights, Ohio
. . . Image

R. V. Reiner
Cleveland, Ohio
"Smiley"

S. A. Rasenbluth
Cleveland Heights, Ohia
The Stark watcher

M. S. Rubin
Cleveland, Ohia
Makes a pencil talk

R. R. Ruggles
Cleveland, Ohio
"Wha wants ta grapple?"

R. C. Sadler
New Castle, Penna.
"Dan't put yaur trust in a waman."

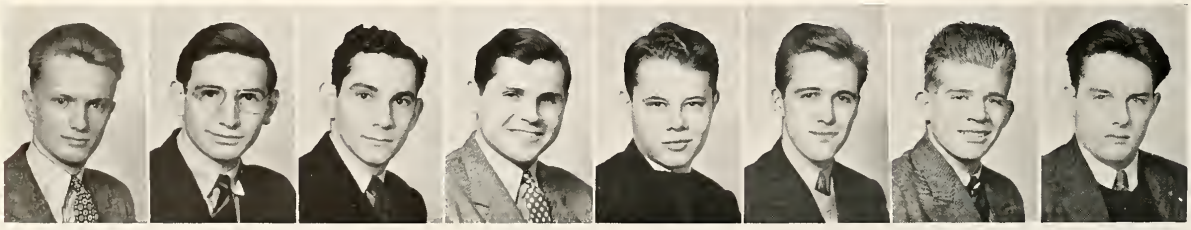
R. T. Scantlebury
Ashland, Ohio
"Oh, yau're just saying that."

E. R. Schellentrager
Shaker Heights, Ohia
"Chart? What chart?"

J. E. Schmitt
Lakewaad, Ohio
"Little Gestapo"

Lusher Martin Martin Martindale Mau McClain McLarty Meehan Mehl

Mills Maare Neel Nyerges Owen Pahta Pantius Reinberber Reinberger

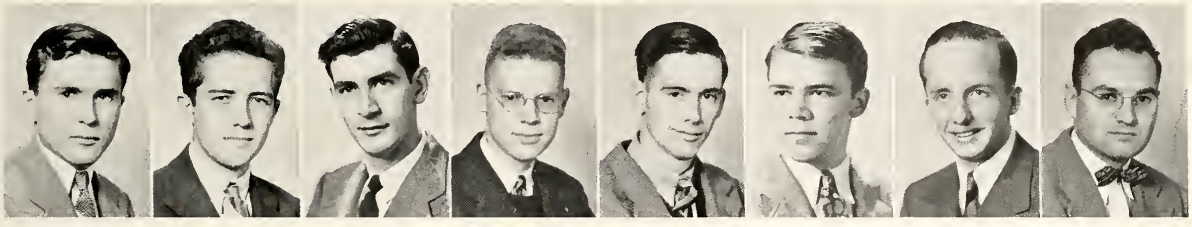


Reiner Rosenbluth Rubin Ruggles Sadler Scantlebury Schellentrager Schmitt

Junior Mechanicals

Schreiber Schrenk Schuster Seitz Shaw Sterbentz Stirgwalt Stricker Taylor

Terry Toma Treadwell Tuve Ursu Veale Vermillion Vitantonio Vass



Warkman Wightman Wilson Wittmer Wolfs Woodworth Young Zakrajsek

F. J. Schreiber
Fairview, Ohio
"Well fed Fred"

W. J. Schrenk
Sandusky, Ohio
"Who's in on the pool?"

R. J. Schuster
Cleveland, Ohio
"I did the thermo"

C. W. Seitz
Akron, Ohio
"Sneezy"

A. D. Shaw
Cleveland, Ohio
Metearalagical flycatcher

W. H. Sterbentz
Cleveland, Ohio
"It all bails dawn ta the Law af Supply and Demand."

T. F. Stirgwolt
Daver, Ohio
"Model T magnote"

E. G. Stricker
Shaker Heights, Ohia
"I dan't get it."

R. H. Taylor
Alliance, Ohio
Will wear a pair af silver wings.

T. H. Terry
Cleveland, Ohio
Hard-ta-get

J. Toma
Cleveland, Ohio
Silence is golden

W. D. Treadwell
Racky River, Ohio
"Say it with pictures"

R. F. Tuve
Cleveland Heights, Ohia
"Professar Jr."

T. Ursu
Salem, Ohia
"Short circuit"

G. W. Veale
Cleveland Heights, Ohia
"Sleepy"

J. V. Vermillion
East Cleveland, Ohio
"Wind Tunnel Jae"

G. R. Vitantonio
Cleveland Heights, Ohio
"Strang and Silent"

W. J. Vass
Cleveland Heights, Ohia
"Young's Stooge"

S. S. Workman
Toledo, Ohia
"I sleep in class to keep fram being confused."

G. I. Wightman
Lakewood, Ohia
"Muscles"

D. H. Wilsan
Cleveland Heights, Ohia
Handsame and Silent

A. L. Wittmer
Cleveland Heights, Ohia
"Say it with music"

K. E. Wolfs
Cleveland, Ohia
The ather half af "Kaepke and Wolfs"

J. F. Woodworth
East Cleveland, Ohio
"Slow Motian"

J. M. Young
Cleveland, Ohia
"Brains plus"

J. J. Zakrajsek
Cleveland, Ohia
"Will you explain that again, Dac?"

SECONDARY
SECONDARY

Professor P. L. Hoover, E.E.
Head, Department of
Electrical Engineering

Department of Electrical Engineering

R. C. Putnam
Associate Professor of
Illumination and
Engineering Administration

J. R. Martin
Associate Professor of
Electrical Communications

L. P. Winsor
Instructor in
Electricol Engineering

T. D. Owens
Associate Professor of
Electrical Engineering

G. H. Mills
Assistant Professor of
Electrical Engineering

Putnam, Martin, Winsor, Mills, Owens

Department of Electrical Engineering

Actively participating in the war effort . . . as are all of the other departments, the Electrical Engineering department is doing its share for the war program. Communications and ultra-high frequency work are some of the courses that are being given to Wright Field Army workers and U. S. Army officers, as well as to Case students.

With the majority of Case men destined to enter the armed forces, the E. E. department has conformed to Army and Navy "requests" and has placed special emphasis on Electronics, the newest field in electricity. Trained for war work . . . whether in industry or in the services . . . this will be the position of the E. E. graduate.

Senior Electricals . . .

Anderson

Brodie

Colberg

Grow

Hartman

Helwig

Herr

Kromer

Leochman

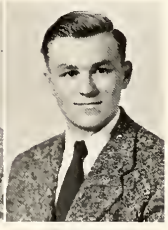
Louis

Luoma

Luoma

Machuta

MacMeans


Marquardt

Robert L. Anderson
Track, Tennis, A.I.E.E.

George H. Brodie
Fencing

John C. Colberg
A.I.E.E.

Bert A. Grow
Basketball, News Service, Blue Key, Theta Tau, Senior Vice-President, Glee Club, Phi Kappa Psi

Andrew E. Hartman
Eta Kappa Nu, Tau Beta Pi, A.I.E.E.

Glenn A. Helwig
Glee Club, A.I.E.E.

Robert W. Herr
A.I.E.E., Sigma Alpha Epsilon

William J. Kramer, Jr.
Newman Club, A.I.E.E.

Robert B. Leachman
Tau Beta Pi, Theta Tau, Blue Key, Editor of Tech, Eta Kappa Nu, Who's Who, Pres. Junior Class, Differential, Senate, A.I.E.E., Sigma Alpha Epsilon

James E. Louis
Pres. Interfraternity Council, Pres. Board of Managers, A.I.E.E., Track, Who's Who, Beta Theta Pi

Edwin J. Luoma
Track, A.I.E.E.

Melvin H. Luoma
A.I.E.E.

Albert J. Mochuta
A.I.E.E.

Charles W. MacMeans

Richard A. Marquardt
A.I.E.E.

Senior Electricals

McAdam

Merriam

Nielson

Pritchard

Reid

Ruzicka

Sanborn

Schunemann

Shergalis

Stickney

Sweet

Tatman

Tinstman

Waters

Wheye

Will McAdam
Tau Beta Pi, Treas; Eta Kappa Nu, Treas; A.I.E.E., Orchestra

Frank R. Merriam
Campus Club, A.I.E.E.

John R. Nielson
Business Manager of Tech, Pres. Eta Kappa Nu, Theta Tau, Tau Beta Pi, A.I.E.E., Band

David A. Pritchard
Band, Orchestra, Tech, A.I.E.E., Phi Kappa Tau

James R. Reid

Robert E. Ruzicka
Debate

Calvin B. Sanborn, Jr.
A.I.E.E., Athletic Assaciatian, Sigma Alpha Epsilon

Carl F. Schunemann
Tau Beta Pi, Eta Kappa Nu, Theta Tau, A.I.E.E., Glee Club, Debate, Lambda Rho Epsilan, Differential, Sigma Nu

Lawrence B. Shergalis
Sec.-Treas. A.I.E.E., I.R.E., S.A.E., Tech, Directar af Radia Dramatic Club, Math Club, Phi Kappa

Joseph B. Stickney

Donald M. Sweet
A.I.E.E., Campus Club

Arthur Tatman
Wrestling, Blue Key, Theta Tau, Tech, Wha's Wha, Faatball, Eta Kappa Nu, Beta Theta Pi

Carl C. Tinstman, Jr.
Crass Country, Athletic Assaciatian, Intramural Department, Beta Theta Pi

Edward C. Waters

Owen M. Wheye
News Service, Differential, Fencing, Tennis, A.I.E.E., Pi Sigma Phi

American Institute of Electrical Engineers

Sparked by "Doc" Hoover, their adviser, the local chapter of the A.I.E.E. enjoyed another successful year. Program arrangements and talks by Case seniors tell the story of the annual joint meeting with the Cleveland Chapter.

To highlight the year, Carl Schunemann led the "E. E.'s" down to Pittsburgh for the annual "Fuse Blowers" Convention, which featured trips through the Carnegie Tech and Pittsburgh labs. Casey again ranked first in the number of representatives present. To top off the convention, visiting delegates were given free tickets to the Pitt-Indiana Big Ten football game.

First Row: Sanborn, Leachman, Shergalis, Tintsman
Second Row: Nielsan, McAdam, Colberg, Helwig, Tatman, Sweet, Kramer, Ruzicka, Yerdan, Schunemann.

McAdam, Nielson, Tatman, Leachman, Schunemann

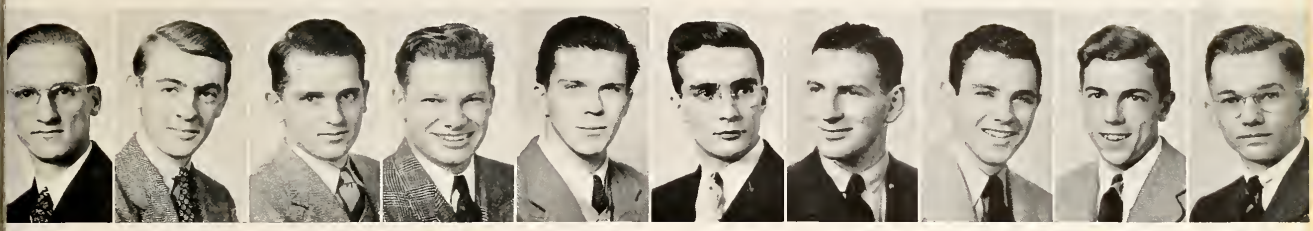
Eta Kappa Nu

"All out for the war" is Eta Kappa Nu's motto, as this honorary electrical fraternity makes the supreme sacrifice. Just think, fellows, that luxuriously equipped recreation room has been revamped into a workroom for the design and construction of thesis projects.

In its efforts to conserve electricity, however, Eta Kappa Nu, together with A.I.E.E., threw a humdinger of a dance . . . another "Fuse Blowers' Ball."

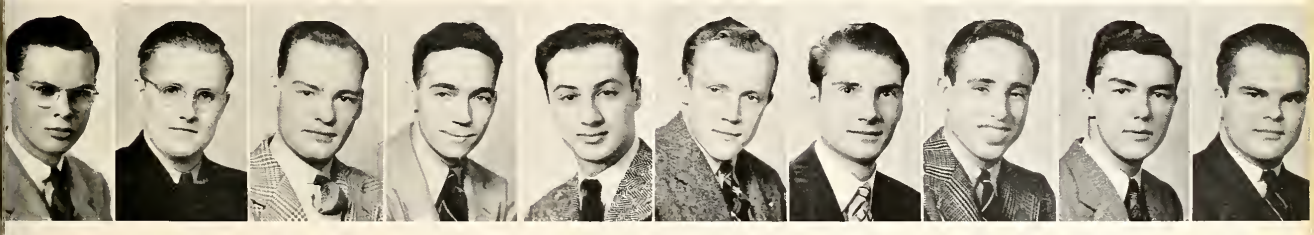
This honorary group for junior and senior electrical students has for its purpose . . . promotion of electrical engineering ability, scholarship, and activities. Professor T. D. Owens is the faculty adviser.

Junior Mechanicals



Berndsen Brown Cherry Dvarak Eichmuiler Frahmberg Gruener Hyman Jamison Kastner

Kazebee Love Manuel Moesta Murray Pearce Pfaff Raasch Ringsmith Roberts



Scherbarth Schultz Schurr Snow Spira Stuermer Thampson Walter Yenny Yerdon

W. R. Berndsen
Lakewood, Ohio
"Time will tell, so will Bill."

H. B. Brown
Shoker Heights, Ohio
"One track mind with missing ties."

D. B. Cherry
Parma, Ohio
"The better half says no."

W. F. Dvarak
Lakewood, Ohio
"The Shadow"

A. J. Eichmuller
Parmo, Ohio
"Sleeping in class keeps me in shape."

C. R. Frahmberg
Euclid, Ohio
"I wisp, just call me Quifford"

H. M. Gruener
Cleveland Heights, Ohio
"Wait a minute, Doc, the squore root of four is 2.00621."

B. Hyman
Brookline, Mass.
"Boogie-woogie and Boston bull."

R. A. Jamison
Geneva, Ohio
"I like the saporific quolities of the air here."

G. M. Kastner
Cleveland Heights, Ohio
Still going around in (bi) cycles.

R. C. Kazebee
Clevelond, Ohio
"Let's wire it up ond then look at the diogram."

T. J. Love
Massillon, Ohio
"Wormburger's theorem makes it come out right."

E. H. Manuel
Cleveland, Ohio
"Who's the . . . thot took my ponts?"

F. E. Moesta
Lakewood, Ohio
"Pass it oround, Stuermer."

W. A. Murray
East Cleveland, Ohio
"Acres"

F. E. Pearce
Lancaster, Penna.
"I should've been o mechonical."

R. W. Pfaff
Cleveland Heights, Ohio
"Toke the cube root of negotive infinity."

P. Raasch
Medina, Ohio
Mr. Five by Five

R. O. Ringsmith
Worren, Ohio
"I wont to be alone."

R. E. Raberts
Louisville, Ohio
The sure way - - - the schlurr-up woy.

R. A. Scherbarth
Cleveland, Ohio
Swish . . . there he goes for lunch.

H. E. Schultz
Youngstown, Ohio
"The book must be wrong."

C. A. Schurr
Lakewood, Ohio
"Where in the . . . is my slide rule?"

R. C. Snow
Clevelond Heights, Ohio
"I prefer O.P.'s, they're o milder, smoother cigorette."

L. Spira
Clevelond, Ohio
"The opprentice she-mon"

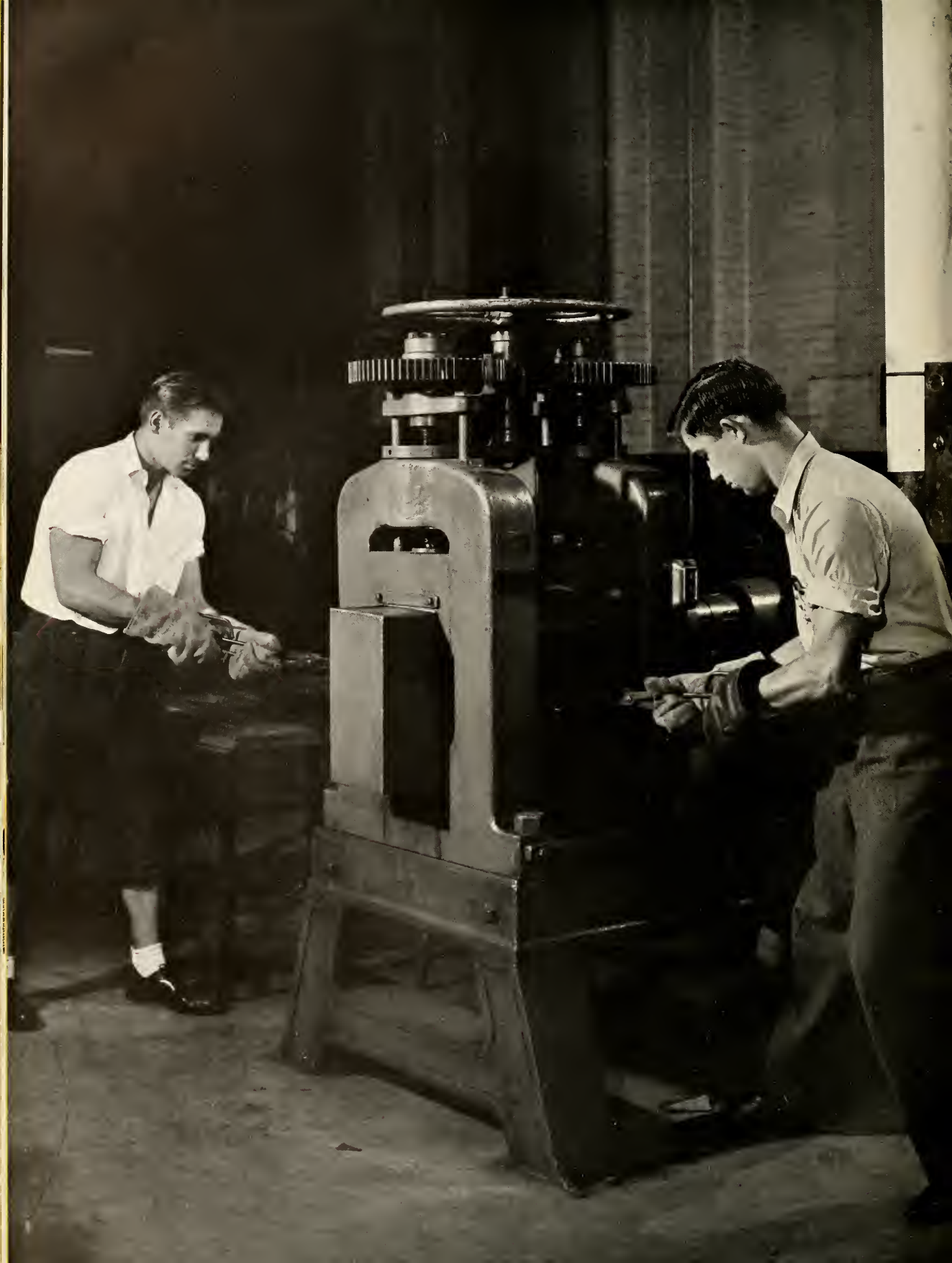
K. Stuermer
Cleveland, Ohio
The shaft by the draft.

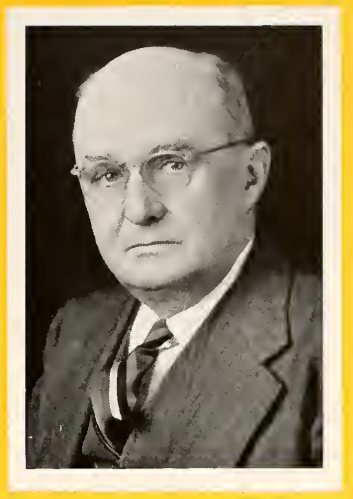
D. C. Thompson
East Clevelond, Ohio
You know K.O.—meet K.A.

F. W. Walter
Lokewood, Ohio
He's F.W.

F. A. Yenny
Strasburg, Ohio
A kitchen fixture at Camp Case.

G. Yerdon
Clevelond Heights, Ohio
Sunshine





Professor K. H. Donaldson, E.M.
Head, Department of Metallurgy

Department of Metallurgy

T. R. Graham
Assistant Professor of Metallurgical Engineering

D. T. Doll
Instructor in Metallurgy

R. L. Barrett
Assistant Professor in Geology and Mineralogy

G. M. Cover
Associate Professor of Metallurgy

Graham, Doll, Barrett, Cover

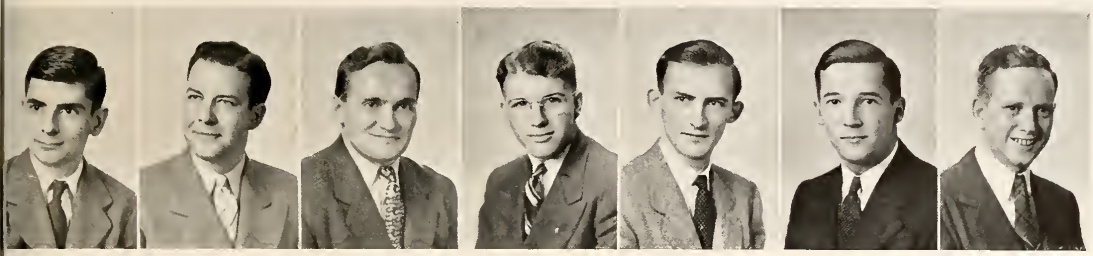
Department of Metallurgical Engineering

Graduates and students alike will always remember the banks of white-hot furnaces . . . the metallographic lab and the many research laboratories of the department of Metallurgy.

Under the expert leadership of Prof. K. H. Donaldson, the Department of Metallurgy at Case has been molded into one of the finest of its kind in the United States.

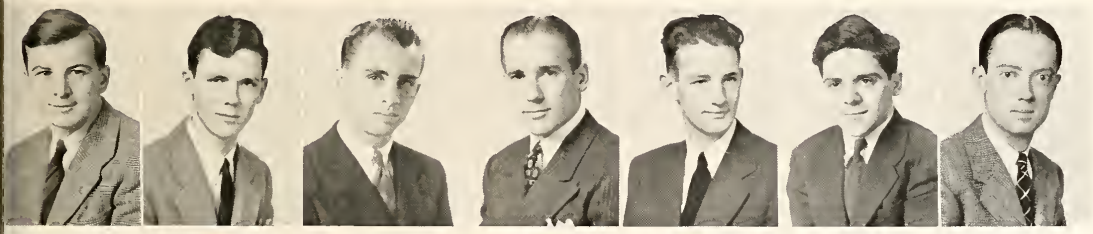
Its faculty includes such nationally known men as Professor Donaldson, Dr. W. P. Sykes, Dr. George Sachs, and Dr. J. M. Cover, who work together tirelessly to give their students the best of metallurgical engineering training.

Senior Metallurgists . . .



Angus Atwater Bohanek Bopp Brehm Cole Fletcher

Hann Hart Herron Johns Kessler Landusky Malin



Polanka Prior Roth Scherba Toole Vaccaro Wilcox

William Angus
Glee Club, Sec.-Treas. Pick and Shavel Club, A.I.M.E., A.S.M., Sigma Alpha Epsilon

Robert E. Atwater
Pres. Pick and Shavel Club, Zeta Psi

Edward Bohanek

William E. Bapp
Hockey, Phi Kappa Tau

Howard E. Brehm
Tech, Band, Orchestra, Pick and Shovel Club, A.I.M.E., A.S.M., Phi Delta Theta

Prescott S. Cole
Honar Key, Pres. Blue Key, Wrestling, Wha's Wha, Editar of Differential, Baard of Managers, Tech, Athletic Assaciatian, Alumnus, Pick and Shavel Club, A.I.M.E., A.S.M., Phi Delta Theta

Albert J. Fletcher
Pick and Shovel Club, A.S.M., Sigma Nu

Earl K. Hann
Glee Club, Pick and Shovel Club, Sigma Nu

Robert A. Hart
Freshman Football, Band, Orchestra, Pick and Shovel Club, Phi Kappa Tau

Walter R. Herron
A.I.M.E., A.S.M., Pick and Shovel Club

Charles R. Jahns
Glee Club, Fencing, Pick and Shavel Club, Alpha Sigma Phi

Harald D. Kessler
Track, Vice Pres. Junior Class, Orchestra, Cheer Leader, Pick and Shovel Club, Gamma Phi, A.S.M., Theta Tau, Blue Key, Phi Kappa Tau

Claude A. Landusky

Robert D. Malin
Track, Swimming Mgr., Blue Key, Sigma Nu

George D. Polanka
Tau Beta Pi, Pick and Shovel Club

William T. Prior
Glee Club, Beta Theta Pi

Robert A. Roth
Differential, Tech, Track, Theta Tau, Tau Beta Pi, Who's Who, Phi Kappa Psi

Emil S. Scherba
Pres. Gamma Phi, Pick and Shavel Club, A.S.M., Football, Phi Delta Theta

Alfred R. Toole
Band, Orchestra, Glee Club

Michael J. Vaccaro
Blue Key, Senate, Sports Editar Tech, Differential, Athletic Publicity Directar, News Service, Intramural Mgr., Interfrat Council, Honar Key, Wha's Wha, Phi Kappa

Emary C. Wilcax
Pick and Shavel Club, A.I.M.E.

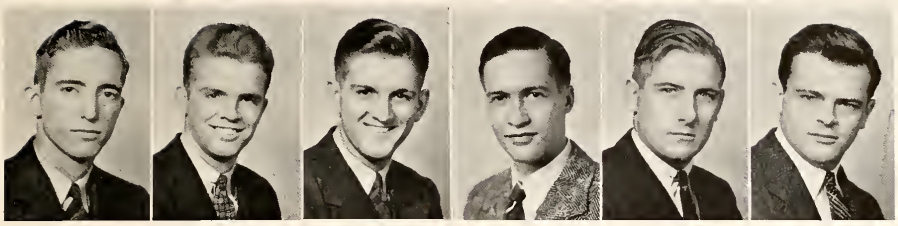
Pick and Shovel Club

The "club room" provides a place for metallurgists to congregate, relax, or study. Occasionally Doc Donaldson or "Dopey" Doll stop in for a fast game of bridge. Prescott Cole usually sticks his head in the door looking for Joe Rhoads. Brenza works on reports while Lynch tries to give him a hot-foot.

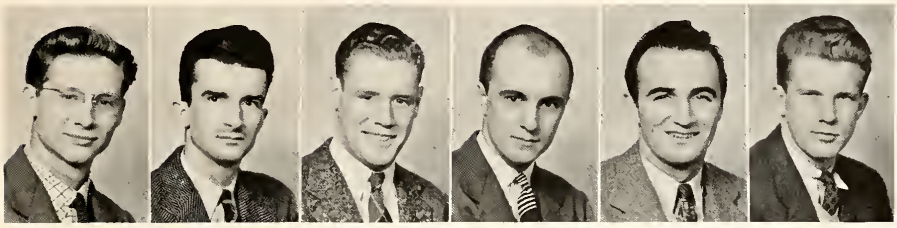
The seniors meet en masse in the Pick and Shovel room for last minute cramming before finals. Besides the "club room," the club has its "beer bust," ball games, and regular social functions. The organization also sponsors banquets, lectures, and informal talks dealing with metallurgical subjects.

First Row: Hagon, Lynch, Kunsman, Pollock, Bohonek, Johns, Schofer, Caleb, Baley.
Second Row: Allisan, Baker, Willhelm, Brenza, Prof. Cover, Polanka, Atwater, Angus, Prof. Donaldson, Rhoads, Wennes.
Third Row: Stech, Scherba, Prof. Graham, Fletcher, Roth, Honn, Vaccaro, Hart, Brehm, Cole, Umbenhaur.
Fourth Row: Taole, Kessler, Jacksan, Landusky, Wilson, Hargrove, Herran.

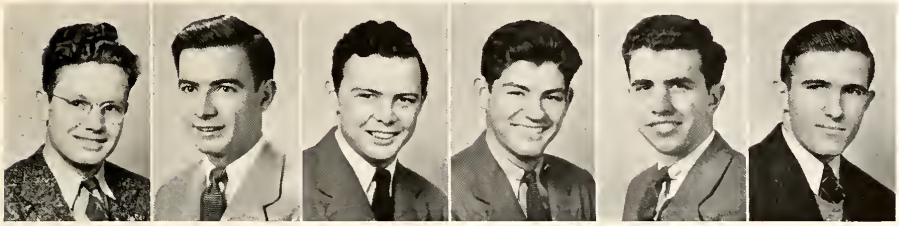
Junior Metallurgists



Allison | Baker | Baley | Brenza | Brown | Caleb



Hagan | Hargrove | Jackson | Kunsman | Lynch | Mattoon



Pallock | Rhoads | Umbenhour | Walter | Wennes | Willhelm

G. A. Allison
Huntington, West Virginio
Peg-leg Prexy af the P and S.

R. W. Baker
Youngstown, Ohio
Tokes his vaws eight months after graduation.

R. F. Baley
Cleveland, Ohia
"Bay, is she mellaw."—Fat Boy

J. J. Brenza
Cleveland, Ohio
A changed man this year.

W. F. Brown
Lakewood, Ohio
Always late and smiling

R. A. Caleb
Lakewood, Ohia
"What's the farmula for reducing?"

R. W. Hagan
East Cleveland, Ohio
The girl at the A.S.M. Canventian

R. M. Hargrove
Akron, Ohia
Akran calls him—draft baard.

R. B. Jackson
Euclid, Ohia
Shauld be an artist (reports)

L. D. Kunsman
Cleveland, Ohia
"Hape they let me finish."

J. J. Lynch
Fairview Village, Ohia
Girls and tests ga gaad with him.

R. A. Mattoon
Cleveland, Ohia
"Let's try suctian."

M. G. Pollock
Parma, Ohia
Objects to signing petitians.

J. E. Rhoads
Lakewaad, Ohio
God's gift ta women.

R. E. Umbenhaur
Cantan, Ohia
The Clipped Kid

R. L. Walter
Akran, Ohia
A Bankey Bay, "48"

G. P. Wennes, Jr.
Cleveland Heights, Ohio
"Where's that stary, Jae?"

A. C. Willhelm
Brady, Texas
Texas man—prefers nurses.

J. J. Nassau, Ph.D.
Professor in charge of Physics

Department of Physics

L. O. Olsen
Assistant Professor of Physics

C. W. Wallace
Assistant Professor of Physics

E. F. Shrader
Instructor in Physics

J. G. Albright
Associate Professor of Physics

H. W. Berry
Instructor in Physics

C. S. Smith, Jr.
Instructor in Physics

S. McCuskey
Assistant Professor of
Mathematics and Astronomy

C. D. Hodgman
Associate Professor of Physics

E. C. Crittenden
Assistant Professor of Physics

C. K. Seyfert
Instructor in Physics

First Row: Olsen, Albright, Hadgman, Wallace, McCuskey.
Second Row: Ragers, Berry, Crittenden, Shrader, Musser.
Third Row: Halteman, Sharkey, Smith, Seyfert.

Department of Physics

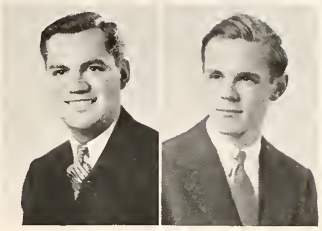
Atom-smashing . . . electron microscope . . . swinging pendulums . . . and a dozen significant figures . . . these all add up to give us Case's department of physics. Growing in size and rising in popularity, the physics course now ranks as one of the most important of all departments at Case. Professor Nassau, acting head of the department, has done a fine job of directing the department of physics, while, at the same time, directing the activities at the Case Observatory.

The students and the faculty are doing their part toward the war effort by devoting their abilities toward experimentation and research.

Senior Physicists . . .

Albert A. Hudimac
Math Club, Lambda Club, Speakers Bureau, Tau Beta Pi

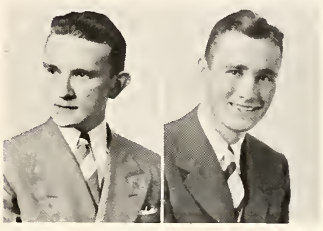
Homer A. Humiston
Band, Beta Theta Pi



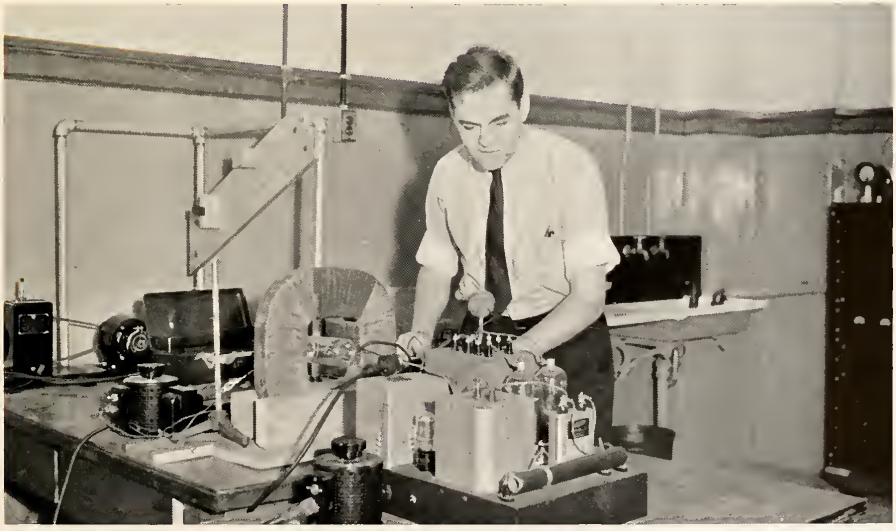
Hudimac Humiston

John L. Little
Lambda Club, Campus Club

Richard H. Stokes
Math Club, Lambda Club, Fencing, Beta Theta Pi



Little Stokes



Hudimac hard at work
PHYSICS SENIOR THESIS WORK

First Row: Humistan, Bowman, Voelker, Bletcher, Reitz, Dr. Crittenden, Dr. Olsen, Nusbaum, Saar, Pulsifer, Vagt.
Second Row: Spielman, Gray, Schwarz, Thackeray, Graves, Hapler, Lewis, Novacic, Weaver, Francis, Sards, Oravec.
Third Row: Estabrook, Rogers, Dr. Shrader, Musser, McDawel, Halteman, Sharkey, German, Straugh, Blachman, Little, Hudimac, Baietti, Leiss, Asmus, Badnar, Radamsky, Leary, Canklin, Schneerer, Landan, Mates, Elliot.

Lambda Club

An organization of students and faculty members of the physics department . . . formed to promote the development of physics and to further the social interests of its members . . . the Lambda Club.

Under Dick Stokes, president, Lambda Club enjoyed a successful year in social events and valuable meetings. Interesting and informal gatherings were held where members of the faculty and men from business gave valuable advice to the students.

The social season was highlighted first by a dance at the Case Observatory, and later by a swell picnic. "The Physic," student department publication, was another of the projects promoted by the Lambda Club.

Junior Physicists

A. L. Boietti
Cashocton, Ohio
Mr. Six and a Half by One

N. M. Blachmon
Cleveland, Ohio
"Walking Slide Rule"

A. L. Bletcher
Cleveland, Ohio
"The Economic Man"

R. E. Estabrook
Franklin, Penna.
"Just loves ta beef"

J. E. Francis
Massillon, Ohio
"Ex Farmer (?)"

J. D. Graves
Massillon, Ohio
"Pinochle King"

R. S. Gray
Cleveland, Ohio
"Born Thirty Years Too Late"

P. W. Hopler
Cleveland, Ohio
"Dimple in Chin, Devil Within"

W. J. Leiss
Youngstown, Ohio
"Strictly a Chess Player"

J. W. Lewis
Cleveland, Ohio
A quiet lover

W. E. MacDowell
Cleveland, Ohio
"Good Time Charley"

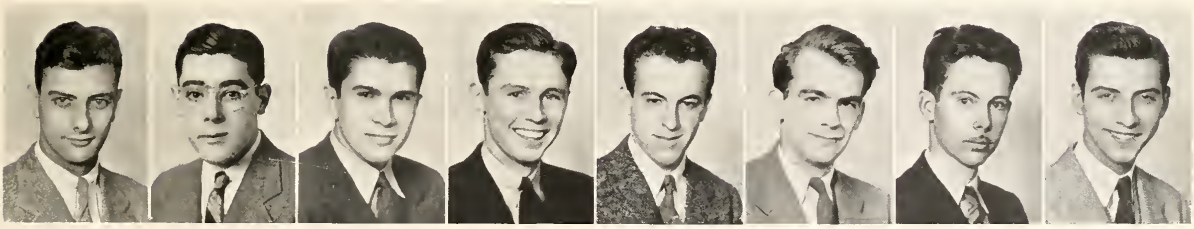
G. Novocic
Cleveland, Ohio
"Future Mexican Hairless"

J. R. Reitz
Cleveland, Ohio
"One-in-a-life-time student"

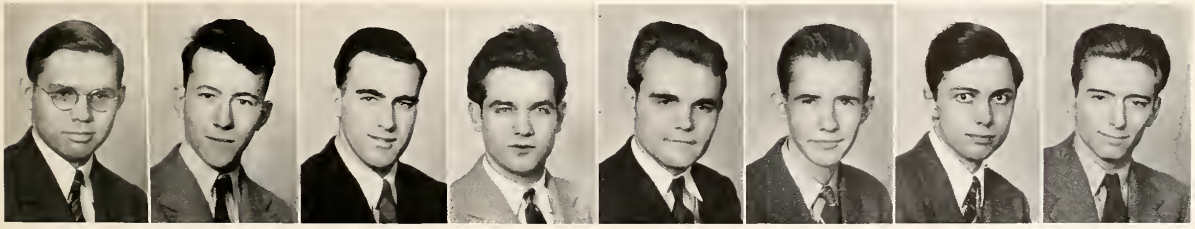
W. A. Schwarz
Cleveland, Ohio
"Perfect blind date"

R. S. Thackeray
Cleveland, Ohio
"Overgrown Quiz Kid"

H. E. Weaver
South Euclid, Ohio
"Star Gazer"



Boietti Blachman Bletcher Estabrook Francis Groves Gray Hopler



Leiss Lewis MacDowell Novacic Reitz Schwarz Thackeray Weaver

Professor C. F. Prutton, Ph.D.
Head, Department of
Chemical Engineering

Department of Chemical Engineering

M. M. Braidech
Professor of Industrial and Sanitary Chemistry

H. Wynn
Instructor in Chemical Engineering

J. R. Shelton
Assistant Professor of Chemistry

F. M. Whitacre
Associate Professor of Organic Chemistry

D. Turnbull
Instructor in Physical Chemistry

R. C. Hummell
Associate Professor of Chemistry

R. L. Savage
Instructor in Chemistry

E. A. Arnold
Associate Professor of Chemistry

W. von Fischer
Assistant Professor of Chemistry

J. J. Lukes
Instructor in Chemistry

R. A. Halversen
Instructor in Chemistry

First Row: Braidech, Wynn, Shelton, Whitacre, Turnbull.
Second Row: Savage, Arnold, van Fischer, Lukes, Halversen.

Department of Chemical Engineering

Growing in size and importance each year, the second largest department on the campus is housed in two buildings. Freshmen and sophomores perform their explosions in the old building, while the junior and senior test tube virtuosos work in the most modern labs in the country in the new building.

A faculty of twenty-three, headed by Doc Prutton, doubles in research and teaching—personifying the tie-up between industry and chemical engineering at Case. A X Σ and A.I.Ch.E., two active departmental organizations, include most of the faculty and students and provide social as well as professional contacts.

Senior Chemicals . . .

Blom

Brownsward

Carpender

Cavdek

Gregaric

Haas

Hacker

Jasbeck

Kampman

Knill

Koch

Krouse

Morshall

Mortin

McKenzie

McLean

Leonord W. Blam
A.I.Ch.E.

John E. Brownsword

William P. Carpender, Jr.
Band, Orchestra, Theta Chi

Stanley Cavdek
Alpha Chi Sigma, Differential, A.I.Ch.E.

Albert L. Gregoric
Band, Phi Kappa Tau

Melville S. Haas
A.I.Ch.E.

Edward Hacker
A.I.Ch.E.

Stanley J. Jasbeck
Mgr. Speakers Bureau, Debate, Lambda Rho Epsilon

Alfred A. Kampman
A.I.Ch.E.

Robert B. Knill
Tau Beta Pi

Robert L. Koch
Treas. Alpha Chi Sigma

Arthur W. Krouse
Band, A.I.Ch.E., Speakers Bureau, Vice-Pres. Campus Club

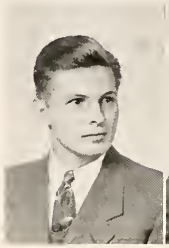
Robert F. Marshall
News Service, A.I.Ch.E., Alpha Chi Sigma, Zeta Psi

James M. Martin
Alpha Chi Sigma, Blue Key, Senate, A.I.Ch.E., Interfraternity Council, Sigma Nu

James C. McKenzie
Football, Track

Gordon M. McLean
Athletic Association, A.I.Ch.E., Zeta Psi

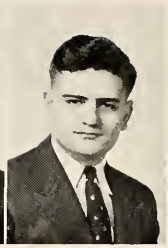
Senior Chemicals



Mihelic

Nelsan

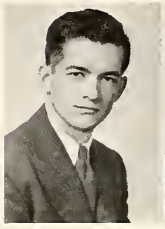
Pavilanis



Pinns

Predata

Purdam



Reinker

Ruebensaal

Sanabar

Schuster

Smith

Sturges

Trudeau

Viscanty

Workman

Wright

John E. Mihelic
Glee Club, Phi Kappa Tau

John R. Nelson
Zeta Psi

Edward J. Pavilonis
Mgr. Speakers Bureau, Lambda Rho Epsilon, A.I.Ch.E., Phi Kappa

Murray Pinns
A.I.Ch.E.

Albert J. Predata

Cloyce L. Purdam
Band, A.I.Ch.E.

Robert E. Reinker
Tau Beta Pi, A.I.Ch.E., Vice-Pres. Alpha Chi Sigma, Campus Club

Clayton F. Ruebensaal
Pres. Alpha Chi Sigma, Track, Pres. A.I.Ch.E., Wrestling, Dow Chemical Company Scholarship

Louis J. Sanabar
A.I.Ch.E., Campus Club

Elmer A. Schuster
Alpha Chi Sigma

Walter K. Smith
A.I.Ch.E., Band

Robert A. Sturges
Alpha Chi Sigma, American Chemical Society, Tech, Glee Club, Beta Theta Pi

Robert G. Trudeau
A.I.Ch.E., Speakers Bureau, Swimming, Pres. Campus Club

George J. Visconty
Treas. Alpha Chi Sigma, Band, A.I.Ch.E., Sigma Alpha Epsilon

Robert E. Warkman
Blue Key, Senate, Alpha Chi Sigma, Who's Who, Interfraternity Council, Alumnus, War Activities Committee, Pres. Sigma Alpha Epsilon

Jack I. Wright
Freshman Football

American Institute of Chemical Engineers

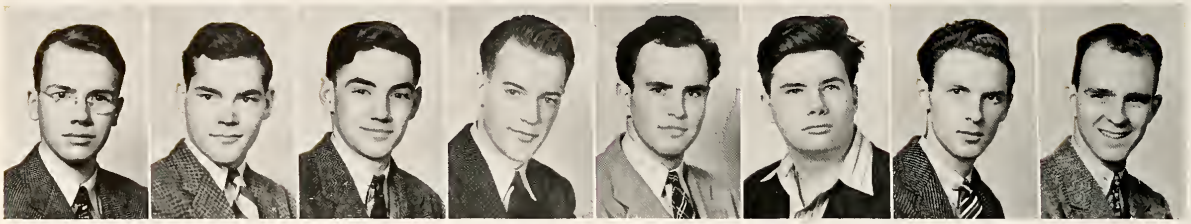
Another year of A.I.Ch.E. has rolled around with a new crop of sophomores and one less of seniors. Under Bob Schaefer, president, everyone enjoyed another successful year, both in instruction and social life.

The purpose of A.I.Ch. E. is to give the students of chemistry valuable informal instruction and a well-rounded social life. Twice a month during assembly period, meetings are held where business is discussed and lectures are given.

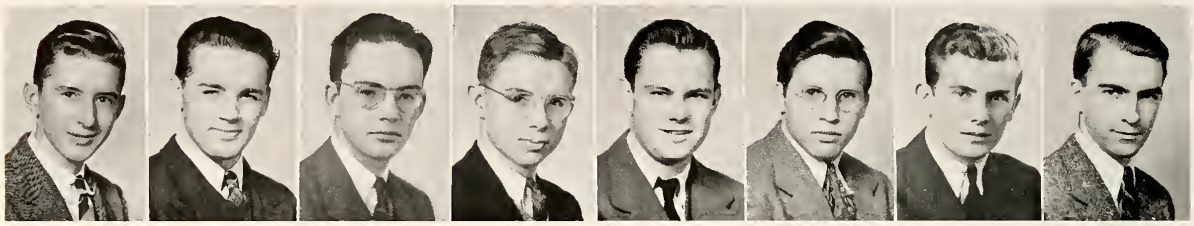
Social life for A.I.Ch.E. has certainly not been neglected. Smoker with cider and doughnuts started things off with a bang . . . formal initiation . . . a hayride . . . and Christmas party followed.

Front Row: Stannard, Myers, Winters, Pavlin, Krumhansl, Schaefer, Bremer, Downey, Hamill.
Second Row: Gregoric, Hacker, Pinns, Trudeau, Smith, Larsen, Johnson, Blouch.
Third Row: Claumas, Ralke, Cray, Kern, Collins, Phillips, Marshall, Ruebensaal, Koch, Visconty.
Fourth Row: Sanabar, Krause, Cavdec, Nelson, Kocarek, Dorer, Workmon, Martin, Wright, MacIntyre.

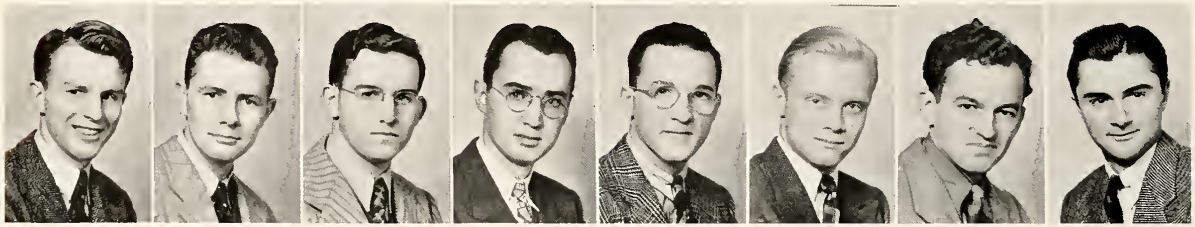
Junior Chemicals



Baer | Bailey | Bauman | Baumhart | Bazeley | Berryman | Boutall | Bremer



Brightman | Claflin | Collins | Cray | Dasbach | Darer | Dawney | Dayle



Erdmann | Forsthaefel | Hamill | Happerton | Harton | Johnsan | Kaswell | Kern

P. G. Baer
Cleveland, Ohio
"Piggy"

J. M. Bailey
Shaker Height, Ohio
"Stinker—no cigars"

F. A. Bauman
University Heights, Ohio
"Free park at T. T."

E. E. Baumhart
Lakewood, Ohio
"What's this?"

J. N. Bazeley
Shaker Heights, Ohio
"Song practice! Song practice!"

R. N. Berryman
Lakewood, Ohio
"What's the formula for matter?"

R. R. Boutall
Lakewood, Ohio
Bootle

J. W. Bremer
Lakewood, Ohio
"What's going on?"

A. Brightman
East Cleveland, Ohio
"I like rye."

H. C. Claflin
Berea, Ohio
Berea Breezer

W. B. Callins
East Cleveland, Ohio
Quiet, but it gets around.

C. L. Cray
Birmingham, Michigan
Of Phillips and Cray

D. L. Dasbach
Rocky River, Ohio
Stage door Donny.

C. J. Darer
Shaker Heights, Ohio
Cuspidor, What?

W. F. Dawney
Lakewood, Ohio
- - - of Shaker Lakes

W. A. Dayle
Lakewood, Ohio
Wild Will

J. F. Erdmann
Rocky River, Ohio
West Side Express

F. W. Forsthaefel
Lakewood, Ohio
"I'll be there."

J. W. Hamill
Cleveland, Ohio
"I got it all figured out"

J. D. Happerton
Lakewood, Ohio
"Who's making all the stink?"

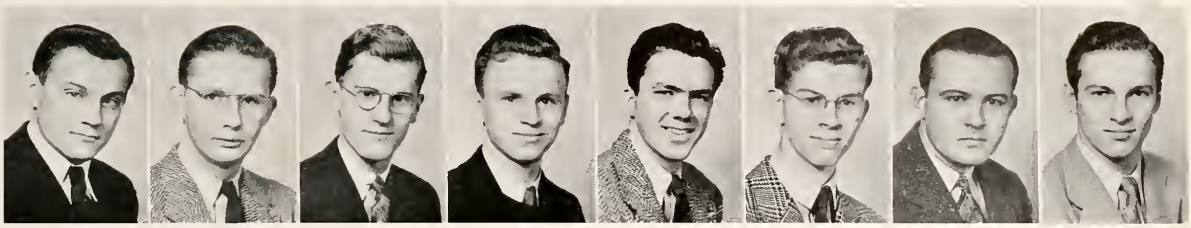
R. H. Harton
Bay Village, Ohio
"Hey Pledge, clean my room."

R. E. Johnsan
Ashtabula, Ohio
At home in organic lab.

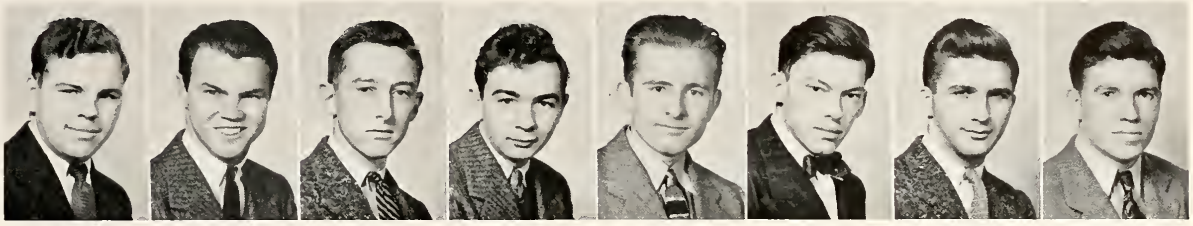
W. E. Kaswell
Lakewood, Ohio
Kurly Kassy

K. R. Kern
Cleveland Heights, Ohio
Klu Klux Kern

Junior Chemicals



Kocarek Krumhansl Lorsen Leisenheimer Lang MacIntyre Marek Martin



Modic Myers Myers Nafziger Nagy Paris Pavlin Phillips

Poole Rolke Sanzenbocher Schoefer Smith Snell Stonnard Winters

E. R. Kocarek
Garfield Heights, Ohio
Sphinx

R. A. Krumhansl
Shaker Heights, Ohio
Good will ambassador

H. J. Lorsen
Cleveland Heights, Ohio
Crimson ears

F. A. Leisenheimer
Cleveland, Ohio
"Oh, oh, H_2S again"

L. F. Long
Fredonia, New York
"Air Corp Louie"

D. C. MacIntyre
Ravenna, Ohio
Copy boy of intellect

E. E. Marek
Cleveland, Ohio
Could it be the alarm?

E. L. Martin
Sacramento, California
"Earl the Pearl"

F. J. Modic
Cleveland, Ohio
"Cleon-up man"

G. W. Myers
Lakewood, Ohio
"Nagy and I . . ."

W. H. Myers
Cleveland, Ohio
"Hurry up, you guys"

G. A. Nafziger
Rocky River, Ohio
"Doffy Noffy"

J. E. Nagy
Cleveland, Ohio
"G. Myers and I . . ."

J. Paris
Cleveland, Ohio
"Gotta cigarette?"

R. S. Pavlin
Maple Heights, Ohio
"Lover"

J. R. Phillips
East Cleveland, Ohio
Co-discoverer of heat transfer equation

C. W. Poole
Cleveland, Ohio
Quite a student

W. A. Rolke
Cleveland Heights, Ohio
"Dodger"

C. W. Sanzenbocher
Toledo, Ohio
"Sons," meaning without

R. L. Schaefer
Cleveland, Ohio
"Snifty"

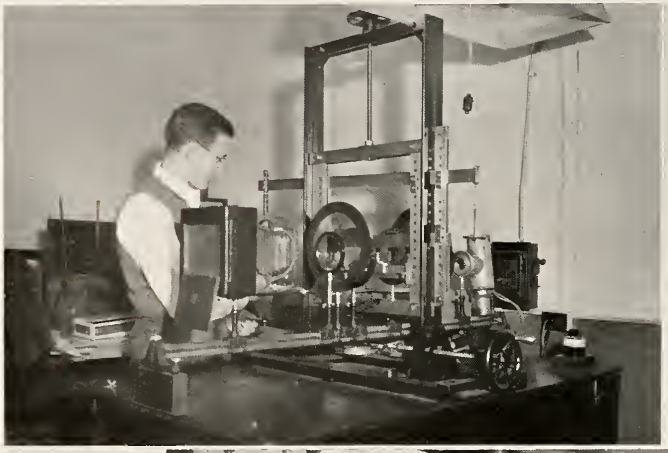
H. R. Smith
Youngstown, Ohio
"Sleeper"

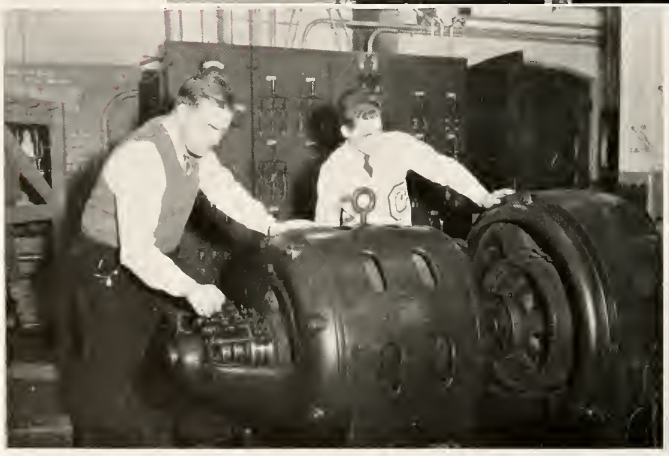
J. R. Snell
Toledo, Ohio
"Toledo Flash"

F. I. Stonnard
Cincinnati, Ohio
"Stonnard Solution"

J. B. Winters
East Cleveland, Ohio
"She's not black, she's Spanish"

Seniors at Work



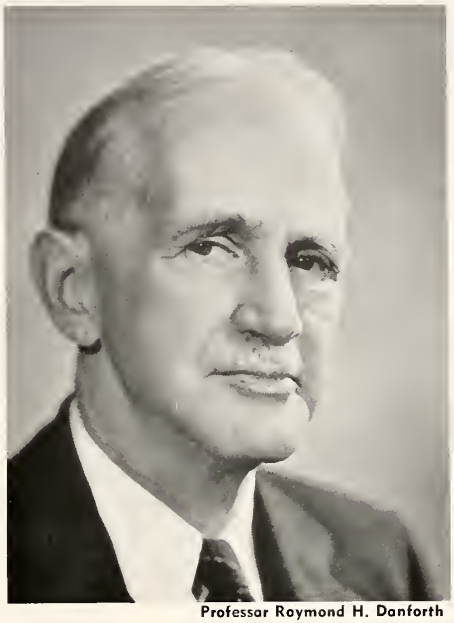


Top Picture: Mechanical
D. Brown

Bottom Picture: Electricals
Kramer and Brodie

Middle Picture: Civils
Panek and Price

Department of Mechanics and Materials



Professor Raymond H. Danforth

IN MEMORIAM

Living in the memories of all who knew him, Professor Raymond H. Danforth left behind him achievements forever enshrined in Case history.

Professor Danforth was a man of thoroughness, exactness, and practical ideas which won for him a high place in the field of mechanics and materials.

Cheny, Churchill, Blankenburg, Reardon, Dudley

H. D. Churchill
Associate Professor of Mechanics, Acting Head, Department of Mechanics and Materials

L. T. Cheney
Instructor of Applied Mechanics

W. L. Blankenburg
Instructor of Applied Mechanics

L. J. Reardon
Assistant Professor of Applied Mechanics

W. M. Dudley
Assistant Professor of Applied Mechanics

Department of Mathematics

E. M. Justin
Assistant Professor of Mathematics

L. J. Green
Instructor of Mathematics

K. A. Johonnes
Instructor of Mathematics

P. G. Guenther
Instructor of Mathematics

C. F. Thomas
Professor of Mathematics

M. Morris
Associate Professor of Mathematics

R. W. Healy
Instructor of Mathematics

O. E. Brown
Associate Professor of Mathematics

C. C. Torrance
Assistant Professor of Mathematics

First Row: Morris, Healy, Brown, Torrance.
Second Row: Justin, Green, Johonnes, Guenther, Thomas.

First Row: Taft, Lowe, Caldwell, Rankin, Umbach.
Second Row: Young, Thompson, Shurter.

F. L. Taft
Instructor of English

H. W. Caldwell
Instructor of English

W. E. Umbach
Instructor in Language and Literature

H. R. Young
Associate Professor of English

R. L. Shurter
Associate Professor of English

L. R. Lowe
Assistant Professor of English

H. D. Rankin
Instructor of English

K. O. Thompson
Professor of English

Department of English

Department of Social Science

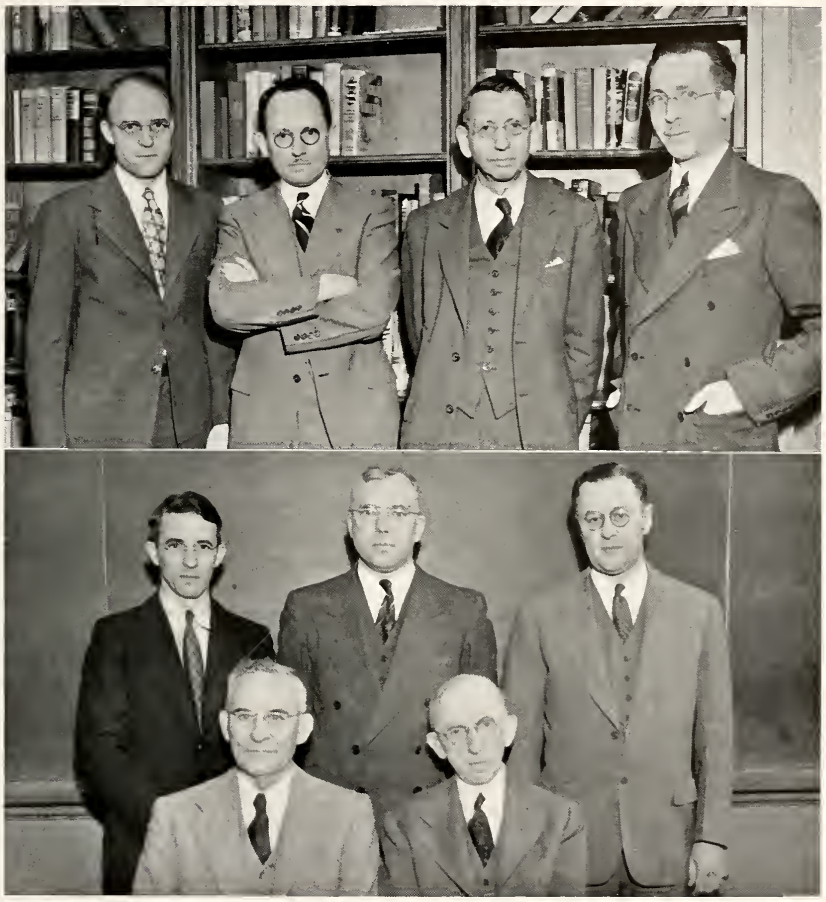
F. T. Carlton
Professor of Economics

G. W. Sanford
Associate Professor of Economics

A. B. Erickson
Instructor in Social Studies

S. L. Davis
Assistant Professor of History

Left ta right: Erickson, Davis, Carlton, and Sanford



Front Row: Eddy and Coppersmith. **Back Row:** Quinn, Nudd, and Stone.

G. S. Quinn
Instructor in Eng. Drawing

W. E. Nudd
Registrar, Assoc. Prof. of Eng. Draw

C. W. Coppersmith
Assoc. Prof. of Eng. Drawing

Oliver M. Stone
Assoc. Prof. of Eng. Drawing

C. L. Eddy
Professor of Eng. Administration

Department of Engineering Drawing and Business Administration

Sophomores

Jack "Speed" Miller, track flash, held the gavel for the sophomores during the year 1942 . . . Ray Gurnick, little dynamite of the football squad was vice-president . . . while Don Alders, quiet and capable, was the secretary-treasurer.

SOPHOMORE CLASS OFFICERS
Gurnick, Miller, Alders

First Row: Thomas, Caurtney, Hatch, Saar, Kolesar, Pulsifer, Dearth, Smith.

Second Row: Clark, Troyan, Newdome, Baehmer, Nusbaum, Jender, Barta, Svec, Gaerke, Gensert, Backus.

Third Row: Garman, Ellis, Cavender, Olsan, Helbig, Weaver, deHamel, Patterson, Kobara, Baird, Huer, Suttle.

Fourth Row: Trinter Hagan, Allchin, Landon, Sards, Bazeley, Nusbaum, Spielmon, Pecsok, Riff, Huber, Smith, Gurnick, Rodamsky.

Fifth Row: Cairns, Robbins, Krell, Cooper, Fenner, Sable, Smith, Drabik, Jurman, Oravec, Vagt, Bodnar, Vaelker, Bowmon, Whitehouse.

First Row: Gundlach, Britton, Huyett, Weinstein, Hawkins, Sharp, Hartman, Moles, Crampton, Jarosz.
Second Row: Howe, Jeromson, Nassau, Wirls, Burns, Detwiler, Webster, Queer, Bates, Papielarski.
Third Row: Grass, Sawdey, Modic, Geddes, Larson, Miller, Breneman, Tyrrell, Harris, Trindal.
Fourth Row: Richner, Miller, Gross, Krauter, Keeler, Rubin, Oscar, Framson, Stern, Slater, Slater, Garman.
Fifth Row: Alden, Ebinger, Brown, Efferth, Speser, Forhan, Leeds, Nathanson.

Sophomores

The Sophomore Class of '45 . . . a class which has felt the pressure of a world war . . . but despite this fact a class which is making an enviable record at Case in activities, scholarship, and athletics.

The Bag Rush was a sour note . . . the sophomores couldn't keep their pants on when outnumbered five to one. Jackie Botts was a good captain but defeat was inevitable. On the bright side . . . sophomores Daley, Gorman, Manos, and Probost, first string footballers; Bill Newdome, outstanding basketballer; and Jack Miller, flash track-man, all boosted the glory of Case.

The class of '45 is determined to make the most of its opportunities at Case.

First Row: Twining, Auth, Fultan, Treadwell, Harrisan, Kundzala, Steele, Barrett, Findlay, Parisi.

Second Row: Balmeyer, Dwars, Daw, Black, Adarni, Caan, Kane, Heberling, Pracejus, Bayer, Dailey.

Third Row: Baczkiewicz, Stein, Davies, Belgrave, Miller, Lashing, Heidenreich, Perge, Kreizwald, Rath, Rahrer, Strecker, Kratz, Sand.

Fourth Row: Martin, Adams, Simon, Bauman, Debeljak, Fisch, Krieger, Simens, Teplitz, Bethany, Farrell, Zidd, Portman, Elliott, Harkless, Farrar.

Fifth Row: Kuntz, Towers, Johnsan, Asmus, Athasides, Roberts, Benway, Ziegler, Melville, Schill, Cole, Lowe, Mraz, Slater, Callister, Brawn, Thamas.

Sixth Row: Mentges, Kibbel, Raney, Pettibane, Radefeld, Kiraly, Murphy, Teisher, Shadle, Morris, Kanker, Singer, Engelbret, Krueger, Wagner, Bawen, Hill, Ober.

Sophomores

First Row: Neville, Graff, Carletan, Haffman, Alexander, Shaw, Preuss, Hoberecht.

Second Row: Weise, Parsons, Sanker, Etheridge, Friedman, Bridges, Vasicek, Anglemyer, Alders.

Third Row: Drennan, Marx, Patan, Fuller, Carlsan, Black, Wells, Baltz, Ryan.

Fourth Row: Graham, Barletta, Curtis, Nudd, Yaung, Navy, Adams, Raney, Whitehause, Jagucki.

Fifth Row: Kavelan, Haeffler, VanArsdale, Filipie, Buerkel, Donkin, Penavich, Kainis, Porter, Opatrny. Opatrny.

Sixth Row: Podojil, Sedlack, Epstein, Robinsan, Bates, Tahiff, Gaadman, Speaker, Burger.

Memoirs of Surveying Camp

Did someone say the bugle blew? It couldn't be, it's only 6:30 A.M. No wonder Carleton always missed the first roll call. Early hours . . . hard work . . . good times . . . tell the story of Case surveying camp at Loudonville.

Someone was always taking the wrong data or losing the data book. Remember the thunderstorm Prof. John Albright predicted . . . one and one half inches of water in a half hour . . . swimming pools inside the tents (if they were still up) . . . wet drawings . . . what a night.

And the last night . . . ping-pong . . . songs . . . speeches . . . orangeade and cookies. Surveying camp is a real part of Case education.

Freshmen

Came the fall of '42 to Case . . . and with it an assortment of high-school graduates . . . confused to say the least. The Blue Key not wishing to have them led astray, "impressed" upon them certain aspects of the Case spirit.

With hot blood boiling, the freshmen won a glorious victory in the Bag Rush, led by President Walt Poremba. Inspired by this success, they soon became full-fledged Case men.

FRESHMAN CLASS OFFICERS
Conway, Sec.-Treas.; Pojak, Vice-Pres.; Poremba, Pres.; Krause, Senator.

Front Row, left to right: Romonto, Dinda, Meyers, Liechty, Wolke, Slater, Denego, Gustetic, Diemer.

Second Row: Ferencz, Reilley, Belfiore, Hamlin, Kneole, Campbell, Wheeler, Candea, Rochlus, Baker.

Third Row: Christiansen, Pavlin, Kinkopf, Neighbours, Roberts, Coleman, Galvin, Springer, Likely, Costanzo, Downey, Williams.

Fourth Row: Novy, Saalfield, Krause, Hultberg, Arduser, McQueer, Fitzgerald, Baird, Ferry.

Fifth Row: Ranges, Francis, Wilson, Hovens, Friedman, Hercz, Hess, Sewell, Poremba.

Lost Row: Mahovlich, Atkins, Hill, Berlincourt, Joxtheimer, Strolla, Novok, Maj, Brady, Nesbitt.

Freshmen

First Row, left to right: Shaffer, Petras, McCabe, Lindhe, Lund, Siropolis, Raptis, Yellinck, Aulverter, Sailar, Hoffman.

Second Row: Troje, MacDonald, Buck, Stewart, Mann, Norlan, McGiffin, Baker, Lampe, Matte, Louie.

Third Row: Shoope, Edwards, Casaregola, Carnell, Figgie, Fritzsche, Heckman, Schlenker, Harbarger, Calebrook.

Fourth Row: Nahra, Ranges, Cramer, Breitmeyer, Goldman, Bettan, Goad, Long, Rutemiller, Long, Thompson.

Fifth Row: Galloway, Billy, Sultac, Sherker, Trinistic, Biscin, Vanderwist, Spooner, Erk, Zivic.

Sixth Row: Jackson, Zema, Breymaier, Berlas, Thwaite, Crosby, Austin, Graham, Head, Hird.

Seventh Row: Katana, Stephan, Nejedlic, May, Williams, Harris, Wolcott, Baird, David, Cacopy, Gebhardt, Kieper.

First Row, left to right: Welch, Maloney, Deibel, Gross, Wiesemann, Halperin, Kurtz, Stohldreher, Story, Thompson, Blake, Lowenstein.

Second Row: Dunner, Spenser, Yanovitz, Weiss, Peterson, Hayden, Erk, Bubsy, Tupa, Wagner, Serne, McWherter, Grierson, Wiley.

Third Row: Pojak, Krauth, Linsenmann, Wolf, Sahn, Harning, Glasser, Seyfried, Dill, Dahstrom, Pavlin, Reilly, Shade.

Fourth Row: Few, Coleman, Hamburger, Zurc, Gubanc, Retar, Kugler, Selzer, Ashman, Foecking, Weisse, Bleweisse, Freidman.

Fifth Row: Few, Gairing, Park, Locker, Collins, Blake, Solan, Bowles, Duffey, Stockhausen, Standish, Durso, Alaska.

Sixth Row: Ebert, Shelly, Theis, Brandt, Groniger, Foster, Franks, Guttenplan, Rusch, Glasser, Chepic, Marushnics.

Last Row: Locker, Westenbarger, Gall, Baastfield, Perry, Allick, Graaly, Waite, Schum, Franklin, Urban, Graham, Benedict.

Freshman-Sophomore Bag Rush

FRESHMEN WIN AGAIN

Praise the Lord, and pass the "ammunition" . . . ! This year the annual Case Bag Rush, featuring odiferous eggs and rotten tomatoes, was a truly fierce contest with the freshmen defeating the sophomores. As has been customary in the past, the victors bathed in glory in Wade Park.

The freshmen somewhat outnumbering their opponents, divided into two groups, one for each half of the battle. Standing on the sidelines, one is greatly impressed by the yards and yards of adhesive tape that somehow manages to come unwound and slightly embarrassed by the rags and tatters that remain. Never in the history of the Bag Rush has there been such a beautiful display of legs and . . . arms.

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★

SCHOOL LIFE . . .

Arsenal Activities

CASE
GAMMA
PHI
CASE
GAMMA
PHI
CASE
GAMMA
PHI

Carefree Moments . . .

1. Malin is suave.
2. Bloss, date, and chairs.
3. Eicher, Dalton, and Tatman talk big business.
4. Listening and watching.
5. Workman on the spot.
6. Cole explains to the dance inspector.

1. Bill Jewett and Jack Lynch arriving with accessories.
2. Hen session at Interfraternity Sing.
3. Phi Psi's caught in act while winning Interfraternity Song Contest.
4. Doyle and Date enjoy themselves.
5. You can't do that . . . !
6. Glenn Snow, Bruce Baty, and Tom Haig give dates' feet a rest.

1. "Get that gleam out of your eye, Dan."
2. Cockrell, Wade, and Long moving in.
3. Even Collin's date is magnetized by Vermillion.
4. Pollock prefers red heads.
5. And who could blame Schrenk.
6. Joe and Peg — Pink and Kink.

1. Herr catches, and Wheye bats it out during summer session.
2. Workman kills one.
3. Quigley and Johns do it with steel.
4. Prof. Mills gives Differential Keys.
5. Bowman, Harris, and Krawl calculating with a feminine goose-factor.
6. Larry and Gerry lead commencement procession.

1. Louis vs. Redmond.
2. Walter and Rhoads click together.
3. Honor Convocation.
4. The Band or Cole?
5. Leachman talks fast with the Prexy.
6. Gamma Phi boys look up.
7. "Hail to the college—" at the Home Concert.

Extra-Curricular . . .

First Row: Rhoods, Dean Mills, Schrenk, Vaccaro, Baty, Heppert.
Second Row: Haig, Penovich, Neville, Workman.

Case Senate Acts As Campus Moderator

"Will the meeting come to order? Bob, please read the minutes of the last meeting." So says Dave Heppert to Bob Penovich, and another meeting of the Senate, Case's student governing body, begins.

Senators determine honor points . . . award honor keys . . . regulate all campus activities . . . manage all school elections . . . and operate a coordinating board to prevent conflicts on Casey's social calendar. The eleven members, elected by popular vote, serve as a link between students and faculty and act as the campus moderator.

First Row: Hawkins, Hartman. **Second Row:** Scantlebury, Cole, Wennes.

Board of Managers Plans Social Life

The group in charge of keeping the social program and scholastic program at Case balanced is the Board of Managers. Without their efforts Casey would have no football or basketball dances . . . no freshman smokers . . . nor other outside activities sponsored by the Board of Managers.

Did Scantlebury or Cole approach you for a ticket to the basketball dance, or was it one of those pesky freshman tryouts? Through proceeds from these affairs, the Board hopes to finance the refurnishing and redecorating of the Case Club. Professor Harry Churchill, as faculty member, is the guiding force of the Board.

The Case Tech
Army Raises Case E.R.C.
President Stresses War Importance
don't forget . . .
Death Takes Department Head, Prof. R. H. Denforth
The Case Tech
L.W. Mills to Leave Case for Armed F
Promotions Awarded Four of Faculty
CASE
Scrap Happy Studes and Profs Sweat to Pile Up 19 Ton Heap
The Case Tech
Rough Riders Me
Beahawks in Ope

Winship, Professor Thompson (Adviser), Leachman (Executive Editar), Panek

Harris, Nielson (Business Manager)

Case Tech . . .

Wandering into an office of bustling activity and hearing a shout of "Where's that copy?", you realize that you have entered the office of the Case Tech.

Prominent among campus activities, the Tech has twice, in the last four years, held the title of "Ohio's Best Weekly College Newspaper." Under the iron hand of Bob Leachman, the Tech mirrors the campus activities and social life and gives recognition to faculty and students. Jack (Editorial) Winship is assistant editor. This year the Tech is planning a "Publications" dance . . . open to all members of the different publication staffs. It is to be held in the near future and the boys are looking forward to a big time.

. . . Outstanding College Weekly

"Come on fellows . . . let's have some action here . . . we haven't got enough ads on page two yet!" These are typical words of John Nielson, the efficient business manager of the Case Tech.

Long hours . . . hard work . . . persistence . . . that's what it takes to keep the figures of the Case Tech in the black . . . that's where the business manager comes into the picture. He's the man who directs the members of the business staff as they scour the city for ads. Competition . . . remuneration . . . and a chance at the business manager's position are the things that spur the members on.

BUSINESS STAFF
Higgs, Schwarz, Kroll, Lewis, Baird

EDITORIAL STAFF

First Row: Kostir, Neel, Rubin, Boumhort, Vermillion, Neville, Cole, Voccaro.

Second Row: Roth, Boley, Pollock, Wennes, Quigley, Pfaff, VanArsdale, Symes, Allison, Pollock, Schrenk, Weise, Doyle, Owen, Simon, Martin, Sowers.

The Case

Schrenk, Doyle, Wennes (Editor in Chief), Erdmann

Jirus, Pollock (Business Manager), McLarty

Wennes

Pollock

"The purpose of this meeting is to assign stories and arrange for help in taking next week's pictures," says George Wennes at one of the afternoon Differential meetings. Professor Young, faculty adviser, walks in to give a short lecture on the style of writing for yearbooks.

Dick Baley and Wayne Barrett are working on identifications, while Cal Dalton cuts a stencil for campus picture notices. Jack Erdmann can be found in one corner assigning stories, and Bill Doyle is outlining the proposed sports layout.

Wennes brings the meeting to a close with: "Don't forget the work session tomorrow morning at 9:00 o'clock."

Differential

All American in 1942

BUSINESS STAFF

First Row: Froncis, Taylor, Porter, Ellis.
Second Row: Wittmer, Block.

"What a day for sales," asserts Milton Pollock, head of the **Differential** business staff; "we sold three hundred dollars of ads." It was a series of such days that filled this year's book with advertisements.

Under the direction of Professor George Mills, Pollock and his able assistants, of whom the most notable were Black and Young, did their share toward making this year's **Differential** a financial success.

EDITORIAL STAFF

First Row: Nusbaum, Mortin, Hoffman, Higgs, Neville, Owen, Barrett, Rubin, Friedman.
Second Row: Long, Umbenhour, Vermillion, Brown, Leeds.
Third Row: Baley, VonArsdole, Quigley, Manuel, Mottoon, Eichmuller, Schurr, Pollock, Kazebee, Clark, Kane, Dolton.

First Row: Umbenhaur, Rubin, Nassau, Mlynko, Bloss. **Second Row:** VanArsdale, Stirgwalt, Wennes.

Case Alumnus

Case faculty . . . Case graduates . . . Case students are all kept in intimate contact through the efforts of "Chappie," who is in charge of the publication of the **Alumnus.** Activities on the campus, activities in the armed forces and activities in the engineering world form the nucleus of this prize-winning magazine. Walt Mlynko, student editor, is the able leader of the student staff which assists "Chappie" in the selection of interesting items of both engineering and educational value. When the distance is far, you will meet your classmates in the **Alumnus.**

This year the **Alumnus** is cooperating with the other publication staffs in inaugurating the combined publications dance and party.

First Row: Symes, Kone, Snow, Willison, Young, Larsen, Baley. **Second Row:** Umbenhour, Pollock, Rubin, Krous, Sords.

Case News Service

Thursday afternoon, "meeting time," for straight news and feature stories. "Where's your story?" "Let's bring the main bulletin board up-to-date!" "These releases go only to local papers, and these to high school papers!" Such is the talk commonly heard by Les Symes, News Service Editor.

A common sight is Jim Larsen pinning up clippings in the main hall, Dick Baley checking assignments and publicity releases, or Professor Young talking to a Cleveland Plain Dealer reporter.

Bill Doyle can look back on a highly successful handling of athletic releases, in which he was assisted by News Service men.

"Sords, get those freshman registration slips filed away before you leave," says Symes at 5:15.

First Row: Wennes, Pollock, Symes, Leochman, Nielson, Mlynko.
Second Row: Thompson, Chapman, Earnest, Young.

Board of Publications

"In the present time of material shortages, a college newspaper staff must function smoothly and efficiently. In addition . . ."

Thus might a candidate introduce his qualifications to the Board of Publications, which examines and selects the heads of the various campus publications on the basis of merit.

Permanent members of the Board are "Chappie" Chapman, who is chairman, and the four faculty advisers of the journalistic activities, while the other six members are the student editors and managers elected annually.

First Row: Conley, Weissman, Krause, Kern, Zamboky.
Second Row: Ruebensaal, Etheridge, Alexander, Trudeau, Sweet, Symes, Noyes, Nyerges, Heidenreich, Perge.

Campus Club

"Power by unity . . . that's our motto," says President Bob Trudeau of the Campus Club.

This strongly molded social organization of non-fraternity men has turned in a good record for intramural athletics and actvities. The Campus Clubbers sponsored a freshman smoker this fall to bring non-fraternity men together and make the new men feel welcome. Hayrides, parties, and dances fill out their social program.

With good student support and Professor Slaymaker at the wheel, this group is again growing steadily on the campus.

Band

DRUM MAJOR

Russ Nyerges, the man who leads the Case band down the field at each game . . . the man who sports the high-plumed hat and flowing cope, and also the man who directs the football band in the absence of Mr. Strickling.

Clever formations . . . militaristic marching . . . quality music have all helped George Strickling achieve for Case's band the title of "The Best in the Big Four." The newly remodeled Band Room proved to be an added incentive for all Case's musical engineers "to prove their worth," and they certainly did at the football games and the never-forgotten Home Concert. It was Russ Nyerges, drum major, and "tiny mite" majorette Betsy Strickling who set the cadence for the marching band. When Student Manager Art Wittmer became puzzled with any type of band procedure, it was "Doc" Sanford, faculty manager of the musical clubs, who supplied the much-needed advice.

First Row: left to right: Humiston, Anthony, Roberts, Deuring, Frahmberg, Hubbell, A. Bazely, Baietti, Alden, Wischmeyer, Barrett, Weinkamer, Black, Ktauter, Garman, Brehm, Sowers.

Second Row: Wittmer, Portman, Krause, Schultz, Leeds, Thompson, Elliott, Creager, Cox, Winship, Pritchard, Schweitzer, Adams, Schmitt, Perge, Blackman, Taale, Maarehouse, Sharp, G. Cole, Breneman, Kibbel, Armington.

Third Row: Viscanty, Leiss, Schaefer, MacIntyre, Bailing, Ziegler, Hunt, Richards, Reinberger, Doncyson, Harrison, Blouch, Snell, Nielson, Queer, Sebesta, Bowman, Davis, Schofer, Wagner, Herat, G. F. Strickling—Director.

Glee Club

First Row, left to right: McLarty, Carlsan, Weise, Maare, Hann, Eichmuller, J. Bazeley, D. Redmand, Bennett, Parsons, Sawdey, G. F. Strickling—Director, Shaw, R. Snow, Micklewright, Gregory.

Second Row: Schafer, Schunemann, Helwig, Young, Belgrave, Smallwood, Zaffarano, Swartwaut, Bahmiller, Thaman, Owen, Ebinger, Schweitzer, Toole, Stanka, Lewis, Hays, Hawkins, Tuve, Hawe, S. Nassau, Juengling, Stirgwalt.

Third Row: McAllister, Noyes, Thomas, Baietti, Vermillian, Schrenk, Sards, de Hamel, Rubin, Schabo, Black, Tulk, G. Cole, Limbesan, Fulton, Pollack, Krebs, Wischmeyer, Winship, Wagner, Scantlebury, Jeromson, Gray, R. Johnsan, Krieger, Dean, Happerton.

Working into a full schedule the Case Glee Club has again presented three programs in the first two months of school.

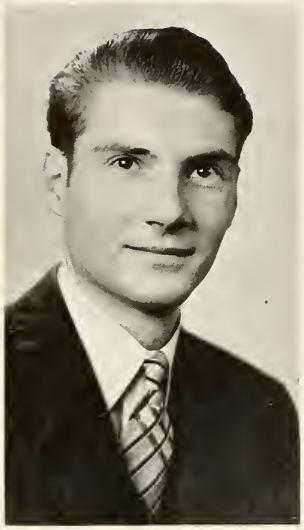
First, a War Bond radio broadcast . . . second, a performance at the Armed Forces Recruiting Assembly for the entire school . . . third, a radio program at the Case-Reserve Football Rally . . . this gives a brief record of the glee club's activities thus far.

Now that tire and gas rationing have killed the annual trip to Lake Erie College, all the boys are looking forward more eagerly to the Home Concert. Director George Strickling promises more of the novelty as well as the sweet music which always characterizes the glee club numbers.

DIRECTOR

George F. Strickling . . "Strick" to everyone . . . has performed a brilliant job as director of the Case Musical Clubs. Through his hard, untiring work the Band, Orchestra, and Glee Club have become worthwhile parts of Case life.

Orchestra



STUDENT MANAGER

D. C. Thompson, student manager of the Case musical clubs, holds a prominent position in the musical affairs of Case. Cooperating with Dr. George Sanford, faculty adviser, Don has the job of arranging and carrying out all engagements of the musical clubs.

Who says Casey never gives up his slide rule? Why sure he does! All the orchestral music for special assemblies . . . Home Concert . . . Honor Day . . . and Commencement is furnished by an orchestra of music-minded engineers. "Strick" . . . the man with the stick . . . accomplishes the hard job of orchestrating and choosing the selections for the orchestra in addition to conducting rehearsals. Bill Wischmeyer, the man behind the man behind the stick (student manager) assists in the proper performance of all rehearsals and appearances. Casey is certainly not the dull engineering student.

First Row, left to right: Karach, H. Young, Jeromson, Hunt, A. Bazely, Baietti, C. Frohmberg, Zamboky, Claflin.

Second Row: Anjesky, Tuve, Wischmeyer, Garman, Wittmer, Anthony, Winship, R. Frohmberg, Moorehouse, Sharp, Nyerges, J. Bazeley.

Third Row: McAdam, Simmons, Dorer, Wagner, Herot, Elliot, Harrison, Richards, Reinberger, Micklewright, Gregoric, Gross, G. F. Strickling—Director.

FRATERNITIES . . .

Arsenal Honorary and Social Life

Honoraries . . .

First Row: Morris, Olson, Eddy, Gregg, Crittenden, Bates.
Second Row: Shelton, Blankenburg, Ebert, Walloce, Hoover, Owens, Brown, Albright, Carson, Wickenden, Danforth, Slaymaker.
Third Row: Halverson, Van Fischer, Donoldson, Schwartz, Putman, Tarrance, Tuve, Earnest, Cover, Dudley, Nusbaum.

Sigma Xi

Promising undergraduate work in the classroom and on theses leads to a coveted membership in Sigma Xi, national honorary fraternity for graduate students. Initiation to Sigma Xi is attained only after graduation by those men who have shown special promise of future achievement.

The Case chapter was established in 1904 . . . now composed of 72 members who have made such outstanding contributions to the engineering field that the National Chapter has awarded them a grant of money to aid in carrying on research. This financial award will be of considerable value at a time when research is so vital.

Eligible Seniors in the upper one-third of their class, selected by Dr. Donalson, Dr. Hoover, Professor Wallace, and associates, are initiated on graduation day.

First Row: Schuneman, Kostir, Hubbell, Nassau, Hartman, Poffenberger.
Second Row: Cockrell, Quigley, Leachman, Panek, Polanko, McAdam.
Third Row: Heppert, Morgan, Hudec, Symes, Reinker, Wischmeyer, Sowers.

Tau Beta Pi

With academic George "The Dean" Sowers at its head, Tau Bete this year elected 25 of the elite of Case to its ranks. After a proper pledgeship, which included the writing of such outspoken essays as "A Criticism of the Economics Department" and "The Influence of the Speedup Program on Student Morale," they were duly initiated.

Election to Tau Beta Pi, which was founded in 1885, is based on a high scholastic average and qualities of leadership. The Case chapter was organized in 1900 and has since formed an important influence on Case students.

The summer initiation was followed by a rousing picnic, swim, and dance combined, which the members vividly termed a "rugged time." In the fall these genii, overcome with their overabundance of gray matter, adopted a tutoring plan for those freshmen in danger of making the "Dean's Team."

First Row: Mlynko, Ponek, Vitantonio, Schunemon, Cockrell, Symes, Snow, Estabrook, Heppert, Reitz.

Second Row: Nielson, Martin, Leachman, Sowers, Morgan, Smail, Schellentrager, Yenny, Wischmeyer, Hudec, Schrenk, Dalton, Schurr, Roth.

Theta Tau

Have you purchased any war stamps today? . . . Did you share your car with anyone this morning? . . . You can arrange to do both through Theta Tau, national honorary professional fraternity.

Under the leadership of President Eddie Cockrell this organization has undertaken projects of great value to the war effort. Its representatives are on hand throughout the campus to meet the daily demand for war stamps. Featured at the Interfraternity Dance was the "Victory Corsage." To aid the transportation problem, Theta Tau is sponsoring a "Share-Your-Ride" program.

Membership in Theta Tau is dependent upon personal ability, high character, and promise of success. Highlights of their activities include speeches by professional men and potential employers.

First Row: Niederhauser, Sawers, Mlynka, Keta, Martin.
Second Row: Cole, Graw, Cockrell, Leachman, Workman, Heppert.
Third Row: Keidel, Mlakar, Lehta, Tatman, Roth, Malin, Clima, Fabes, Smail, Urich, Symes.

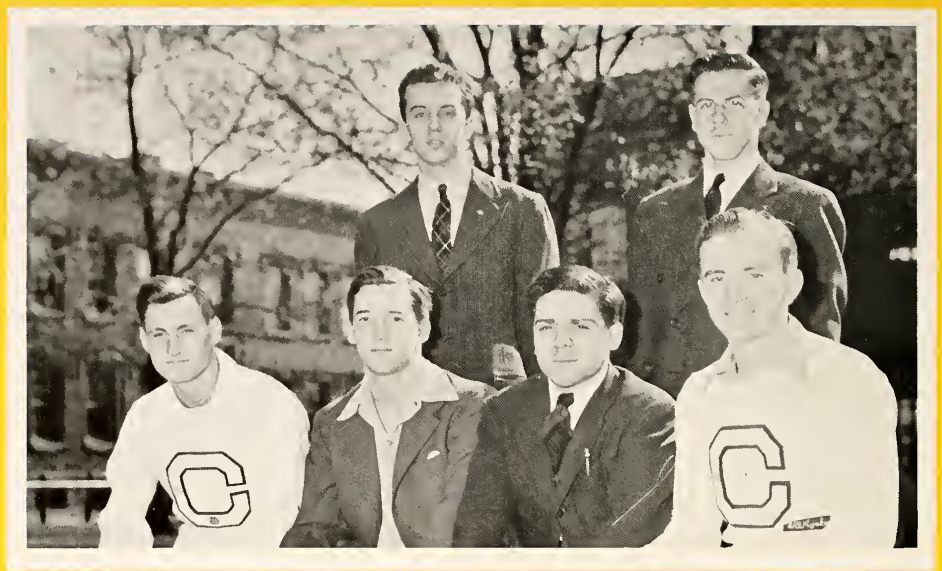
Blue Key

Blue Key membership qualities are character, leadership, personality, activities, and scholarship. The Case chapter, formed in 1932, now has Dr. C. O. Miller as faculty adviser.

Starting the year at a fast pace under President "Pres" Cole and Vice-Prexy Bob Roth, Blue Key put the freshmen through a strenuous but enlightening education session . . . Bag Rush included. The cheerleaders, best yell rousers in years, were also under the guiding hand of this honorary fraternity.

With the cooperation of our rivals across the fence, Blue Key sponsored the annual Thanksgiving night dance . . . a big and crowded success.

Thirteen juniors were elected to the honorary in the recent elections as Blue Key continues another year of service to the school.



First Row: Mlakar, Cole, Vaccaro, Mlynka.

Second Row: Winship, Symes.

Case Honor Key

Of all the honors that Case confers . . . the Honor Key is the outstanding recognition of a man's ability. The Honor Key is awarded to men who display that all-important "drive" . . . that enables them to assume an active part in activities . . . as well as maintain the necessary average for graduation.

To obtain an Honor Key . . . a man must have a total of 45 honor points. These points represent the quality of service that has been rendered and are determined by the action of the Case Senate on recommendations of the faculty activity advisers.

Receiving an Honor Key is truly a distinction as proven by the fact that on the average only eighteen men qualify each year . . . the seniors receiving the larger proportion . . . with a select few juniors.

First Row: Shuster, Ruebensaal, Dayle.
Second Row: Cray, Olsen, Cavdek, Marshall, Workman, Kach, Martin.
Third Row: Phillips, Dorer, Reinker, Collins, MacIntyre, Viscanty.

Alpha Chi Sigma

With a nucleus of active, well-rounded men, the Case chapter of Alpha Chi Sigma . . . national professional chemical fraternity . . . is surging forward to a position of importance on the campus. Urging closer relationship between faculty and students, several smokers and periodic luncheon meetings punctuate the busy schedules of the chemical department. The nearness of an active Cleveland professional chapter promotes undergraduate interest in industry and friendship with men in the field.

Distinctly an honorary, Alpha Chi Sigma each semester selects the top men in chemical engineering at Case for membership.

First Row: Oscar, Pavilanis, Prof. Thampsan, Schunemann, Nafziger.
Second Row: Blachman, Simon, Nudd, Bauman, Kaminek, Cray, Gruener, Bletcher, Reitz.

Lambda Rho Epsilon

Did you ever argue with a woman? . . . Well, Tom Haig and Ceorge Sowers have, too! Their debate with two very attractive coeds from Notre Dame College highlighted the season for Lambda Rho Epsilon . . . Case's local forensic honors fraternity. Incidently, Casey mobbed P-86, the scene of the battle.

Expansion their motto . . . this growing organization has petitioned the national honorary . . . Tau Kappa Alpha . . . for membership. Composed of members of the Speakers' Bureau and the Debate Club, this new addition to the Case Campus is going places. Functioning under the guidance of Professor K. O. Thompson, their adviser, this organization has had a very active year. Numerous debates with near-by colleges and several speakers' bureau engagements kept their program well filled.

Social Fraternities . . .

Ohio Nu of Zeta Psi

The boys from down Abington way have completed another highly successful year. Under the leadership of President Dick Garman, the chapter boasts one of its best seasons. Sadler, ex-prexy and social chairman, provided a well-rounded social program. Secretary Brown, treasurer Willison, rushing chairman Wittmer, and pledge master Pollock completed the Zete's well-manned administrative department.

To mention a few of the men in campus activities . . . Pollock, business manager of the Differential . . . Baty, senator and football man . . . Panek, sports editor of the Tech. In honorary associations the Zetes also claim their share of members. Spurred on by the accomplishments of the past year, Zeta Psi is out to achieve even bigger things in the year to come.

2117 Abington Rd. Cleveland, Ohio

Zeta Psi

First Row: Sohn, Sadler, Panek, Zweirlein, Huber, Mau, Kugler, Galvin.

Second Row: Adams, Ober, Linsemmann, Webster, Sewell, Garman, Pollock, Baker, D. Baumhart, Wood.

Third Row: Teisher, Morris, Allick, Schultz, Willison, Baty, Wittmer, Horn, Hess, Hunt.

Fourth Row: Hofstatter, Jirus, Marshall, Goerke, E. Baumhart, Neel, Carter, Shodle, Anthony, Snow, Dorer.

SENIORS

Garman
Marshall
McLean
Nelson
Ponek
Willison

JUNIORS

Anthony
Barnes
Baty
Carter
Dorer
Horn
Hofstotter
Mau
Neel
Pollock
Sadler
Schultz
Snow
Wittmer
Zwierlein

SOPHOMORES

Adams
Brown
Elliot
Hunt
Huber
Goerke
Knox
Konker
Morris
Ober
Shodle
Teisher

FRESHMEN

Allick
Baker
Galvin
Hess
Kugler
Linsenman
Salzer
Sewell
Sohn
Webster
Wood

Ohio Eta of Phi Delta Theta

Phi Delta Theta has seen the completion of another successful year under the leadership of President Bob Keidel. Congratulations to Chuck Mlakar of football, basketball, and track fame. President Cole is heard saying, "Who can get a couple of short girls for Umbenhour and me?" George Wennes edited this year's Differential, and Emil Scherba led Gamma Phi. Senators Joe Rhoads and Bob Penovich were kept busy with their campus duties.

With the handicap of being a wartime social chairman, our newly elected president, Earl Martin, did a fine job. The pledge dance at Lake Shore came first with brother Dalton "beating it out." Then followed house parties, a barn dance, and finally the fall formal for the seniors, to replace the usual spring formal.

2139 Abington Rd. Cleveland, Ohio

Phi Delta Theta

First Row, left to right: de Hamel, Seidel, May, Claugh, Conway, Williams, Rahrer, Chambers, Spaaner, Vanderwist, Nesbitt, Dorer, Lawrence, Saalfield, Porter.

Second Row: Wennes, Niederhauser, Dalton, Coan, Baley, Scherba, Martin, W.; Martin, E.; Brehm, Forsthaefel, Lloyd, Males, Rabbins, Reiner, Harsburgh, Mlinar, Burdick, Mentges.

Third Row: Keidel, Artner, Bailey, Schreiber, Valk, Paremba, Free, Havens, Probost, Penovich, Buerkel, Rankin, Glenn, Hartman, Schneerer, Clarke, Watters.

Fourth Row: Christiansen, Walter, Gracely, Austin, Pajack, Harmon, Umbenhaur, Gracely, J.; Mlakar, Seitz, Sanzenbacher, Rhoads, Carletan, Gerace, Hankes, Krause, Garman, Donkin.

SENIORS

Artner
Brehm
Burdick
Clarke
Coan
Cale
Hankes
Harman
Keidel
Llayd
Mlakar
Niederhauser
Scherba
Watters

JUNIORS

Bailey
Baley
Dalton
Forsthaefel
Gracely
Harsburgh
Martin, E.
Reiner
Rhoads
Sanzenbacher
Scheiber
Seitz
Umbenhaur
Walter
Wennes

SOPHOMORES

Brown
Buerkel
Carleton
Chambers
Cromptan
deHamel
Donkin
Gerace
Gorman
Hartman
Landan
Manas
Martin, W.
Mentges
Mlinar
Males
Penavich
Porter
Prabast
Rankin
Rabbins
Rohrer
Scheerer
Seidel

FRESHMEN

Austin
Brady
Christiansen
Claugh
Dorer
Free
Glenn
Gracely
Havens
Krause
Lawrence
May
Nesbitt
Pajak
Poremba
Saalfield
Spaaner
Vanderwist
Volk
Williams

Ohio Rho of Sigma Alpha Epsilon

December finds the Sig Alph's drawing to the close of another year. The seniors were prominent in many activities . . . Bob Leachman, John Nielson and Walt Mlynko serve as fine examples. The underclassmen were not far behind with Lewis, MacIntyre, and Cray setting the pace. Honoraries claimed a number of the brothers as members with Leachman, Mlynko, Nielson, and MacIntyre in the van.

Under the capable leadership of prexy Bob Workman, also a member of the Senate, the S. A. E.'s came forth with a fine pledge class. Walt Schwarz took over the presidential reins in October, and continued in the style of his predecessors. A father and son banquet opened a well-filled social calendar . . . house parties . . . hayrides . . . the pledge dance . . . and a successful Christmas formal completed the year's activities.

11116 Magnolia Dr. Cleveland, Ohio

Sigma Alpha Epsilon

First Row, left to right: Gregory, Olson, Nudd, Young, Miller, Breneman, Schafer, Cale, Cray, Thies, Bachtall, Wightman, Mills, Martin.

Second Row: Bates, Visconty, Pearce, Sanborn, Canklin, Haefler, Workman, Mlynka, Leachman, Nielson, Herr, Werkman, Weise, Schwarz.

Third Row: Latto, Leiss, Kalin, Locker, Park, Davis, McReady, Westenbarger, Lewis, Baker, Shelley, Ellis, Nash.

Fourth Row: Melville, Cavender, MacIntyre, Gering, Leiss, J.; Tyrrell, Perry, Hopperton, Legge, Baker, Brandt, Allison, Allchin.

SENIORS

Herr
Haefler
Leachman
May
Mlynka
Nielson
Sanborn
Viscanty
Warkman

JUNIORS

Allison
Baker
Croy
Gregory
Hoppertan
Legge
Leiss
Lewis
MacIntyre
Martin
Mills
Schwortz
Terry
Werkman
Wightman
Wilson
Vitantonia

SOPHOMORES

Allchin
Bates
Bates
Breneman
Covender
Cale
Conklin
Fultan
Illis
Kalin
Marx
Melville
Miller
Nudd
Olson
Schafer
Tyrrell
Weise
Young

FRESHMEN

Adams
Bachtel
Baker
Boastfield
Brandt
Clapp
Davis
Edwards
Fields
Faster
Franks
Gairing
Groniger
Lotta
Leiss
Locker
McCreody
Nash
Pork
Perry
Shelley
Shupe
Thies
Westenbarger

Lambda Kappa of Beta Theta Pi

The Beta's have done it again . . . 1942 saw the Case Beta's accomplish much in the social, political, academic, and athletic fields of endeavour. President Dave Heppert . . . a top man on the campus . . . was elected President of the Case Senate. Other honors went to George "the Dean" Sowers, Tau Beta Pi Prexy . . . Jim Louis, President of the Interfraternity Council and the Board of Managers . . . John Keto, basketball mainstay . . . Bill Eicher, Rough Riders' halfback . . . Redmond and Tatman with "Halo Casey."

Beta social events were on the beam with hayrides . . . picnics . . . dances . . . and brawls . . . under the able direction of Joe Vermillion.

The Beta diamond now shines on more than twenty pledges . . . men of ability, character, and leadership to carry on the Beta traditions at Case.

2111 Abington Rd. Cleveland, Ohio

Beta Theta Pi

First Row: Opaterny, Cook, Thomas, Barrett, Owen, Snaw, Taylor, Tintsman, Callins, Pettibane.

Second Row: Nusbaum, Bazeley, Sawers, Charlton, Lamprecht, Redmand, Paffenberger, Sturges, Heppert, Linn, Brown, Humiston.

Third Row: Walcott, Vermillian, Dasboch, Wells, Sharp, Pohta, Spielman, VanArsdale, Jamisian, Diener, Horton, Sards, Howkins, Eicher.

Fourth Row: Weaver, Williams, Harbarger, Baird, Stanish, Lyons, Heath, Burns, Harris, Crosby, David, Betlan, Thwaite.

SENIORS

Brown
Callaghan
Charlton
Farbes
Haskins
Heppert
Humiston
Isheim
Keta
Lamprecht
Linn
Louis
Paffenberger
Prior
Redmand
Sawers
Stokes
Sturges
Tatman
Tintsman

JUNIORS

Bazeley
Bazeley
Callins
Dasbach
Diener
Eicher
Higgs
Horton
Jamisan
Koster
Mattoon
Owen
Pohta
Scantlebury
Snaw
Taylor
Tuve
Vermillian

SOPHOMORES

Barrett
Black
Batts
Burns
Coak
Hawkins
Nusbaum
Opatrny
Pettibone
Radefield
Reese
Sharp
Sords
Spielman
Thamas
Van Arsdale
Weaver
Wells
Wirls

FRESHMEN

Baird
Benedict
Betton
Crasby
David
Greene
Harborger
Harris
Heath
Lyons
Lund
Macwherter
Stanish
Thwaite
Williams
Wolcott

Ohio Epsilon of Phi Kappa Psi

Yes, this was another fine year for the Phi Psi's from Case! President Bert Grow headed the chapter . . . also played bang-up basketball for Case. George "Rusty" Russell brought in another fine crop of pledges . . . Long and Doyle whipped them into shape as pledge masters. The old members brought home the intramural cup, scholarship plaque, and interfraternity song cup.

Eddie Cockrell, Dick Smail and Bob Roth were all very active in fraternity and campus affairs. The long list of Phi Psi's in honoraries included nine men in Tau Bete, seven in Theta Tau, and twelve in Blue Key. Bernie Fobes . . . senior football man . . . had company from this chapter on the gridiron. Dave Raymond did a swell job on frequent Phi Psi parties climaxed by a successful Christmas formal.

2114 Stearns Rd. Cleveland, Ohio

Phi Kappa Psi

First Row, left to right: Howe, Foulke, Stewart, Schlenker, Tindal, J. Nassau, Suttle, Schrenk, Kunsman, Parsons, Rath, Messner, Sam, Faulds.

Second Row: Heckman, Raymond, Russell, Friedman, Parsley, Snell, Smail, Veale, Erdmann, Doyle, Stirgwolt, Schellentrager, Hays, Richmond.

Third Row: Gross, Slater, Mann, Healy, Clark, Fritzsche, Norlin, Gundlach, Creager, Grow, S. Nassau, Yenny, Manuel, Spear, Dailey, Tulk, Perge.

Fourth Row: Buck, Erk, MacDonald, Cockrell, Head, McGiffin, Sawdey, Juengling, Jeromson, Collister, Long, Francis, Harris, Fobes, Neville.

SENIORS

Climo
Cockrell
Fobes
Grow
Hays
Messner
Nassau
Raymond
Richmond
Rath
Russell
Slater
Smail

JUNIORS

Bloss
Doyle
Erdmann
Gerhan
Healy
Juengling
Kunsman
Long
Manuel
Schellentrager
Schrenk
Snell
Stirgwolt
Veale
Yenny

SOPHOMORES

Clark
Callister
Creager
Dailey
Foulke
Francis
Friedman
Gross
Gundlach
Harris
Howe
Jeromson
Nassau
Neville
Parsons
Perge
Sawdey
Tulk
Tindal
Twining
Suttle

FRESHMEN

Buck
Erk
Figgie
Foulds
Fritzsche
Head
Heckman
MacDonald
Mann
McGiffin
Norlin
Parsley
Schlenker
Stewart
Spear

Delta Alpha of Sigma Nu

Keeping up their name for first class barn dances and general good times, the Sigma Nu's, with Orris Morgan at the helm, took their place in the Case spotlight. Led by Jim Martin, vice-president . . . Bob Bastian, treasurer . . . Carl Schunemann, secretary . . . "Tuck" Gravenstreter, pledge master . . . and Bill Jewett, social chairman . . . the brothers played an important part in campus life.

The part on the campus played by the Sigma Nu's shows up well when a few individual records come to light . . . Jim Martin, Senator, Blue Key, Interfrat Council . . . Carl Schunemann, Speaker's Bureau, Tau Bete, and Theta Tau . . . Bob Lehto and "Big John" Urich, football and Blue Key. With a look at this record and a glance at the men coming up, it's easy to see that the "white star of Sigma Nu" will shine brighter yet on the Case scene.

2133 Abington Rd. Cleveland, Ohio

Sigma Nu

First Row, left to right: Meyers, Meholick, Slater, Berlincourt, Jaxtheimer, Atkins, Hill, Liechty, Lindhe.

Second Row: Murray, Britton, Bastion, Honn, Lehto, Fletcher, Martin, Morgan, Schunemann, Urich, Stock.

Third Row: Alders, Gross, Grovenstreter, Gardner, Miller, Wolke, Kibble, Cooper, Huyett, Ebinger, Kuntz, Kilmer.

Fourth Row: Johnson, Steumer, Bruns, Jewett, Fuller, Murphy, Bolmeyer, Anglemeyer, Phillips, Gordner, Moesta.

SENIORS

Fletcher
Honn
Lehto
Martin
Morgan
Schuneman
Stock
Urich

JUNIORS

Alden
Bastian
Bruns
Gardner
Grovenstretter
Jewitt
Johnson
Kilmer
Moesta
Murroy
Phillips
Stuermer

SOPHOMORES

Alders
Anglemyer
Bolmeyer
Britton
Cooper
Ebinger
Fuller
Gardiner
Gross
Huyett
Kibbel
Kuntz
Miller
Murphy
Wolke

FRESHMEN

Atkins
Berlincourt
Hill
Jaxtheimer
Liechty
Lindhe
Meholic
Meyers
Sloter

Theta Eta of Sigma Chi

Case and Reserve united . . . one of the major achievements of Sigma Chi. The Beta Eta chapter . . . hard hit by the draft . . . was still able to throw many successful dances during the season. Among them were the Hallowe'en dance and the Christmas formal . . . attended by most of the national chapter. President Joe Bagdonas, vice-president Jim Swisher . . . A. S. C. E. member, secretary Chick Strecher, and treasurer Dick Horning led the twenty-four members of Sigma Chi this year.

Numerous other Sig's take part in Case activities . . . Zeigler in the band and debate club . . . Schmitt in the band. Mascot of the chapter is their Great Dane, "Sweetheart." Bound by the ties of brotherhood, Case and Reserve are successfully united under one banner . . . Sigma Chi.

2135 Adelbert Rd. **Cleveland, Ohio**

Sigma Chi

First Row, left to right: Cox, Biello, Koerper, Few, Swisher, Horner, Smith.

Second Row: Breymaier, Swonger, McGuckin, De Vinne, Collart, Frontz, Olthoff, Schmitt.

Third Row: Bagdonas, Samuel, Bauman, Neighbors, Dunwoody, Strecker, Gomell, Horning.

SENIORS

Bagdonas
Cox
Horning
Swonger
Swisher

JUNIORS

Biello
DeVinne
Frontz
Olthoff
Schmitt
Smith

SOPHOMORES

Bauman
Horner
McGuckin
Strecker

FRESHMEN

Adams
Breymaier
Collart
Cornell
Dunwoody
Few
Hayden
Koerper
Neighbors
Samuels

Pi Sigma Phi

Under the guiding hand of President Boman, Pi Sigma Phi packed a season's schedule of activities into one shortened semester. Strong teams contended for titles in every intramural sport. Fifteen pledges swelled the ranks of Case's only local fraternity. Highlights of the social season were the annual pledge and initiation dances.

Bletcher represented the Pi Sig's in Tau Beta Pi . . . Rubin, Harris, and Oscar were active on the publications staffs . . . Speser led cheers at the Brown and White football games while Miller and Boman played on the team. Berlin and Benway led the Pi Sig's in celebrating their twenty-second anniversary.

1965 East 116 St. Cleveland, Ohio

Pi Sigma Phi

First Row: Bletcher, Cohen, Berlas, Lawenstein, Gleisser, Halperin, Mart, Kaplan.
Second Row: Fink, Bramson, Rubin, Goadman, Fried, Berlin, Epstein, Klein, Harris, Shamis.
Third Row: Berkman, Fingerhut, Fromsan, Paris, Bernbaum, Grass, Oscar, Speser, Nusbaum, Garber.
Fourth Row: Gelman, Boman, Citran, Miller, Shaw, Gruener.

SENIORS

Boman
Citran
Harris
Krall
Wheye

JUNIORS

Berlin
Bernbaum
Bletcher
Bramsan
Bradsky
Fingerhut
Gelman
Gruener
Miller
Paris
Rubin
Shaw

SOPHOMORES

Benway
Cohen
Epstein
Fink
Fried
Fromsan
Goadman
Klein
Mart
Nusbaum
Oscar
Speser
Stern
Teplitz

FRESHMEN

Berkman
Berlas
Bleiweiss
Garber
Glasser
Gleisser
Goldman
Grass
Halperin
Kaplan
Lowenstein
Shamis
Yonovitz

Alpha Delta of Phi Kappa Tau

Aggressive and progressive . . . these words fit the achievements of Phi Kappa Tau. Men, active on the campus as well as in the fraternity, led the chapter through the past year. Dave Pritchard, president, provided the push that boosted the fraternal spirit above expectations. Albright, treasurer . . . Schurr, vice-president . . . Bopp, pledge master . . . Eichmuller, Haig, and Reitz assisted in leading the chapter up the road to success.

All honoraries as well as all campus activities had representatives in the chapter. Bill Wischmeyer, band manager . . . Hal Kessler, cheer leader captain . . . Haig, senator . . . Reitz, math club president led the chapter in campus activities.

With its well-rounded calendar of events, Phi Kappa Tau is proud to claim its place on the pages of the Case history.

2032 Abington Rd. Cleveland, Ohio

Phi Kappa Tau

First Row, left to right: Conrad, Nafziger, Findlay, Lynch, Naegele, Mountford, Kimpton, H. Lang, Rutemiller, Hercz.

Second Row: Schurr, Wise, Hacker, Albright, Pritchord, Eichmuller, Mihelic, Reitz, Bashaw, Hamilton, Wischmeyer.

Third Row: Haffman, Campbell, Hagan, Boyer, Anderson, Hoberecht, Hamill, F. Walter, Young, Bawman, Krauter, Richards, Queer.

Fourth Row: Hird, Day, Whitehouse, Nyerges, McLaughlin, Treadwell, Harrison, Pracejus, Dearth, Yerdon, Winterich, Weaver.

SENIORS

Albright
Bopp
Hacker
Hamilton
Hart
Kessler
Mihelic
Pritchard
Richards
Wischmeyer
Wise

JUNIORS

Anderson
Bashaw
Collins
Conrad
Day
Eichmuller
Hagan
Haig
Hamill
Kaepke
Lynch
Nafziger
Nyerges
Pfaff
Reitz
Schurr
Treadwell
Walter
Weaver
Winterich
Yerdon
Young

SOPHOMORES

Belgrave
Bawman
Boyer
Dearth
Filipic
Findlay
Harrisan
Haberecht
Kalisar
Krauter
McLaughlin
Naegele
Patan
Pracejus
Pulsifer
Queer
Towers
Treadwell
Whitehouse

FRESHMEN

Campbell
Hercz
Hird
Haffmon
Kimptan
Long
Mountford
Rutemiller
Sailer

Beta Nu of Theta Chi

Last year . . . Beta Kappa . . . this year with new blood and an increased feeling of prestige came forth the Beta Nu chapter of Theta Chi boasting a big boost in its active membership . . . and don't forget that record pledge class. Diminutive, but dynamic prexy, Ed Kovachy led the fraternity to what proved to be a very successful year. Glasgow's originality as social chairman kept things humming.

Highlights in the social scene . . . house parties . . . pledge dances . . . hayrides . . . Christmas and spring formals. Pearce, Bromm and Portman led the intramural teams . . . Kazebee and Glasgow were the varsity wrestlers . . . Baietti and his six feet seven inches won fame for the Case basketball team . . . Limbeson and Toole were mainstays in the glee club. So with men active on the campus and active in the fraternity, Theta Chi looks forward with high hopes for the future.

1719 East 115 St. Cleveland, Ohio

Theta Chi

First Row: Irey, Kazebee, Pearce, Moore, Fortey, Kovachy, Larson, Walton, Vokoun.
Second Row: Hine, Hultberg, Boehmer, Limbeson, Englebret, Roberts Pontius, Lusher, Brewer.
Third Row: Costanzo, Siropolis, Dellefield, Portman, Wheeler, Bromm, Toole, Cherry.

SENIORS

Carpender
Toole

JUNIORS

Baietti
Billy
Brenza
Bromm
Cherry
Glasgow
Kazebee
Kovachy
Limbeson
Lusher
Moore
Pearce
Pontius
Vokoun

SOPHOMORES

Bethany
Boehmer
Delefield
Englebret
Gensert
Larsen
Portman

FRESHMEN

Candea
Costanzo
Fortey
Hine
Hultberg
Irey
Roberts
Siropolis
Stuhldreher
Walton
Wheeler

Alpha Beta of Phi Kappa

With a pledge class larger than any in its brief history on the Case campus, the Phi Kaps hit their stride during the past year. Pledge formals . . . hayrides . . . the dance with the Notre Dame dorm girls . . . all helped to make the Phi Kaps happy men. In activities, too, they were well represented . . . Vaccaro, Schaefer, and Pavilonis head the list.

Ex-prexy Mike Vaccaro passed the gavel to Bob Krumhansl. "Baby" Gurnick joining the BMOC's on the Interfrat Council . . . Curtis beginning his career as baton waver for the band . . . Maloney becoming number one pledge in the "black book" . . . all are pleasant memories for the departing seniors to carry with them. In studies, activities, and social affairs, the Phi Kap's are "on the beam."

2077 Cornell Rd. Clevelond, Ohio

Phi Kappa

First Row, left to right: Adorni, Gurnick, Meyers, Slockhausen, Fisch, Pavlin.
Second Row: Pavilonis, Shergalis, Gutkowski, Krumhansl, Schaefer, Bremer, Barletta, Nemecek, Stricker.
Third Row: Curtis, Durso, Tupa, Daw, Foecking, Biscan, Reilley.
Fourth Row: Duffey, Deibel, Welsh, Maloney, McAllister, Lampe, Cook.

SENIORS

Bartlet
Gutkowski
Pavilonis
Shergalis
Vaccaro

JUNIORS

Bremer
Krumhansl
Pavlin
Roberts
Schaefer
Stricker

SOPHOMORES

Asseff
Barletta
Curtis
Daw
Fisch
Gurnick
Nemecek

FRESHMEN

Biscan
Cook
Deibel
Diemer
Duffy
Durso
Foecking
Fitz Gerald
Gall
Lampe
Maloney
McAllister
Meyers
Reilley
Stockhausen
Welsh
Tupa

First Row: Workman, Llayd, Cockrell, Harris.
Second Row: Wischmeyer, Margan, Brewer, Garman.

Interfraternity Council

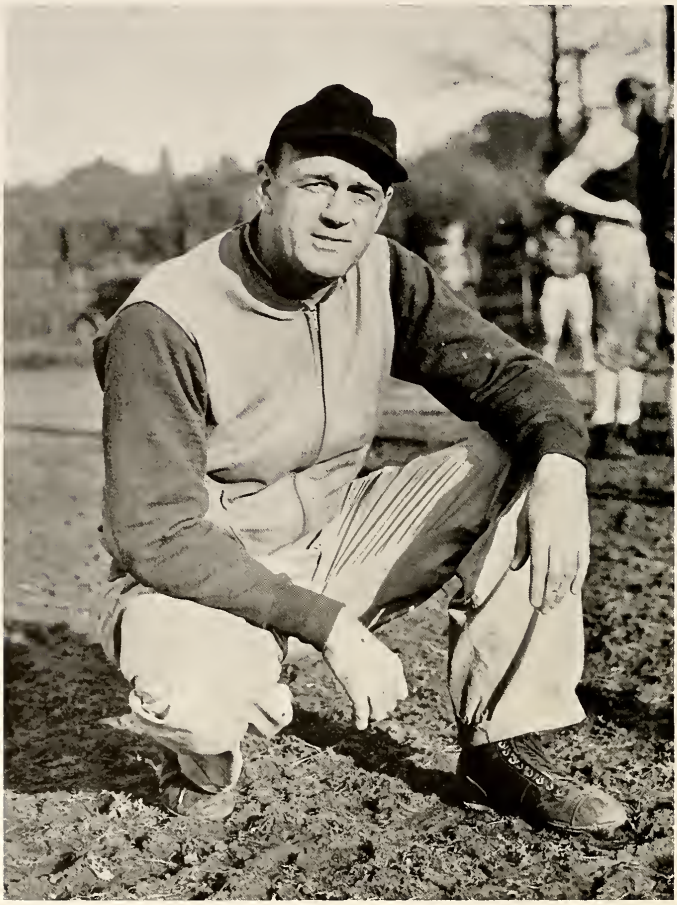
High spots of the Case social program . . . the Interfraternity formals held twice a year, featuring a name band in the fall and a smaller band plus the interfrat song contest in the spring claim the top spot on the calendar. These affairs represent one of the many activities of the Interfraternity Council.

The Council, under the leadership of President J. E. Louis, consists of one representative from each fraternity on the campus. Besides handling problems of interfraternity relations, the Council promotes a successful intramural sports program, and presents cups to all winners.

ATHLETICS . . .

Arsenal Recreation

Director of Athletics



COACH RAY RIDE

Ray Ride, Athletic Director, graduated from Washington and Jefferson in '27 . . . coached there until he came to Case in '29.

Ray has completely changed Case football . . . has introduced many "suicide" games on the schedule, but always has succeeded in coming out on top. He was the originator of the Cleveland "Big Four" in '32 . . . tied for the title in '33 . . . captured the Ohio Conference championship in '33 and '41. He brought the name "Rough Riders" with him . . . has since made it synonymous with high quality football in Ohio.

Allmen, Carlin, Callaghan

Assistant Coaches

Alumnus Stan Allmen . . . stellar lineman a few years back . . . ex-Cleveland Ram . . . primes the freshman footballers for the Ride system and is invaluable to the coaching staff in this capacity.

Jeff Carlin came to Case from Washington and Jefferson with Ray Ride in '29 . . . has been an important cog in the development of powerful grid teams. He has continually turned out aggressive, well-balanced cage squads in his capacity as head basketball mentor.

Bob Callaghan, senior, suffered an injury in football last year that ended his career as an active player. "Cal" served in the capacity of assistant freshman coach this year.

First Row: Lund, McDonald, Rachlus, Nesbitt, Ranges, Filipic, Miller, McWerter.
Second Row: Schlenker, Crowl, Pojak, Austin, Graham, Nesbitt, Harbarger, Evans, Trotter.
Third Row: Collaghan—Assistant Coach, Sahn—Manager, Putnicki, Hird, Krause, Zwerlein, Matte, Mara, Gross, Franklin, Mara, Allmen—Coach.
Fourth Row: Kinkapf, Figgie, Wiseman, Adams, Poremba, Fritzschie, Conway, Christiansen, Kelly, Kugler.

Freshman Football Squad

"Come on look alive! Hit that dummy as though you meant it! Adams, get in there! Okay fellows, that's enough line practice for today. Go out and do some calisthenics! Krause, you know the routine. Loosen them up and make them sweat!" Such is the life of a freshman out for football.

Some fine prospects for varsity berths next fall are seen in the array of talent that Coaches Stan Allmen and Bob Callaghan are putting through their paces. Most promising of the frosh . . . Walter Poremba, brother of Joe, '40, at center; Bob Krause, Bill Lund and Bob Pojak in the backfield. Tim Conway, Harry Figgie, George Putnicky, and Bob Volk also stand out. This encouraging outlook gives assurance that the Rough Rider's traditions on the gridiron will be upheld for another year.

First Row: Hoetler, Cole, Quigley, Sanborn, Keidel. **Second Row:** Morgan, Prof. Putnam, Prof. Eddy, Tinstman.

Athletic Association

"Probably you don't know it, but this Association is a separate organization from the school," said Vice-President Dick Brown. "We are not responsible to any undergraduate board of the school." The Association, which owns the athletic field, the field house, and even the athletic equipment, supervises all of Case's athletics.

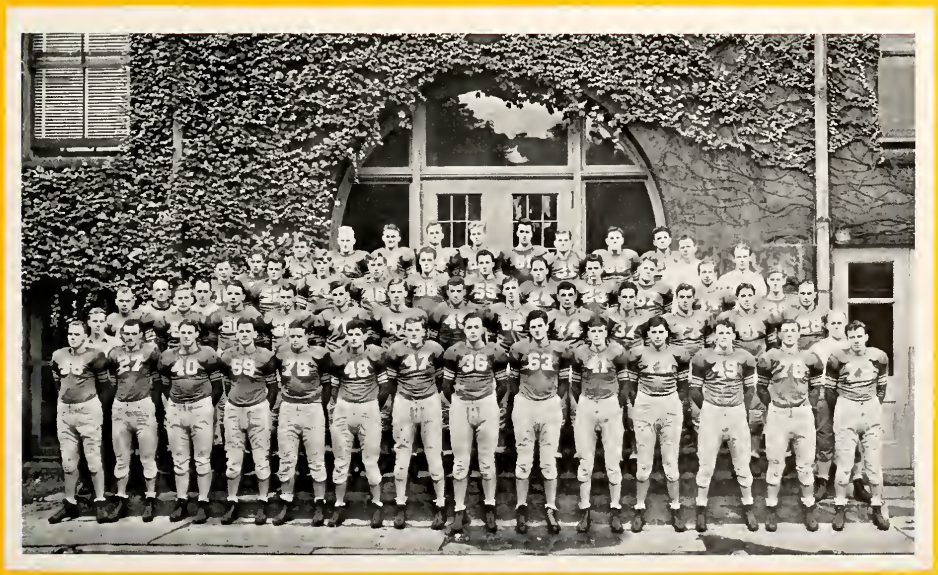
Seniors are the only class that has members on the board, juniors interested in this side of sports are tryouts for this organization. Ten men are elected to the Athletic Association each year, two of which assist faculty advisers, Professors Eddy and Putnam, as officers. These men give quite a service to the school, a service which makes athletics possible.

20

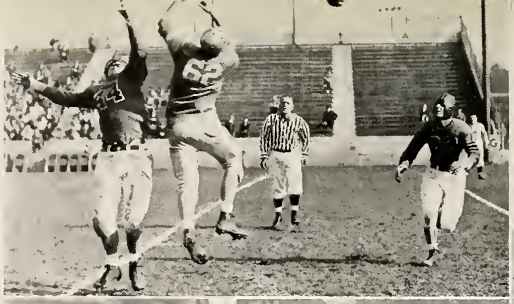
Varsity Football—1942

Set! Signals . . . one-two . . . one-two . . . and with the snap of the ball from center, the Rough Rider lunges through the line of tough opponents for another hard-fought season of gridiron rivalry. The nine returning lettermen and very promising sophomore additions . . . faced with a formidable schedule . . . viewed the season with optimism. New second year talent . . . steadying influence of experienced men . . . different formations . . . all gave hope that the sun would finally shine for the Engineers on Turkey Day.

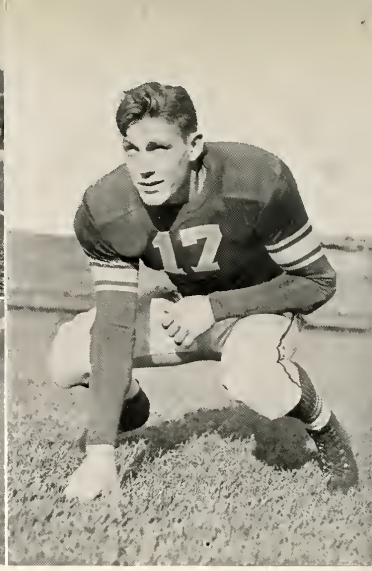
First Row: Svete, Eicher, Baty, Forbes, Gerhan, Wolter, Tulk, Artner, Miller, Clark, Urich, Garmon, Coon, Takacs.
Second Row: Burdick, mgr.; Lehto, Fobes, Probost, Leary, Mlakar, Landon, Manos, Dailey, Penovich, Troyon, Gross, Tatmon, Mlinar, Allmen, ass't. coach.
Third Row: Ride, coach; Rees, trainer; Roher, Caleb, Hankes, Wolters, Jackson, Donkin, Suttle, Foulke, Cole, Niederhauser, Boman.
Fourth Row: King, Gurnick, Reese, Young, Mentges, McClain, McDowell, Vitantonio, Geroce, Koinis, Carlin, ass't. coach; Colloghan, ass't. coach.



Mlakar—halfback



Above: Pass tips Dailey's fingers.
Below: Dalton, Nusbaum, Kessler, Speser, Porter.



Hankes—quarterback

CASE vs IOWA CADETS 6-0

Toe met pigskin . . . and the '42 season opened with a Rough Rider victory over the stubborn Navy Pre-Flight Cadets from Iowa. The lone tally came in the second quarter on Eicher's dash around left end behind perfect interference.

Probost over right guard . . . Takacs around left end . . . a pass by Fobes . . . the Ridemen showed potential power as they garnered their first victory of the new season.

CASE vs CARNEGIE TECH 24-6

Mlakar scored three touchdowns . . . passed to Dailey for the fourth . . . as the Skibos fell before the fast moving Rough Riders. Most of the excitement was jammed into the first half . . . score at the half, 18-6. Probost through the line . . . Eicher on a reverse . . . as the yards rolled by in setting up the touchdown plays.

Gerace—guard

Walter—end

Penavich—end

Grass—tackle

Eicher—halfback

Above: Svete halds pile up.
Below: Baty stopped cold.

Lehto—halfback

CASE vs WOOSTER 15-0

The Riders battered down a stubborn Wooster eleven for their third straight victory . . . Probost broke through for two touchdowns . . . frosh Pojak made his debut and converted from placement after Probost had tallied in the first quarter . . . the fourth quarter saw another touchdown.

CASE vs CARROLL 0-12

The Rough Riders tasted their first defeat of the season. Ray Ride's charges held for three quarters 'til Mlakar's pass was intercepted on the Carroll six-yard line. A quick touchdown followed and another resulted from a blocked punt. Outstanding for Case were senior tackle "Ozzie" Forbes . . . sophomores Dailey and Manos.

Dailey—end

Urich—tackle

Coan—guard

Gorman—guard

Tatman—tackle

Above: Band shaws straight lines.
Below: Wha has the ball?

Niederhauser—guard

CASE vs OHIO WESLEYAN 25-0

Inspired by "Senior Night," the Rough Riders played their best ball in downing the Battling Bishops, as bad weather kept the crowd down to a minimum.

Mlakar off tackle . . . Eicher on a reverse . . . Probost in front of a pass . . . Baty through the line . . . four touchdowns result and victory number four is in the record book.

CASE vs BALDWIN-WALLACE 12-27

Unable to stop the Berean's air attack, the Rough Riders dropped their second game of the season on a dry field at Shaw Stadium. After forging into the lead in the third quarter . . . 12-7 . . . the Engineers suffered a relapse in the final period. Only bright spot in the Case picture . . . Bill Eicher . . . who counted both touchdowns on long runs.

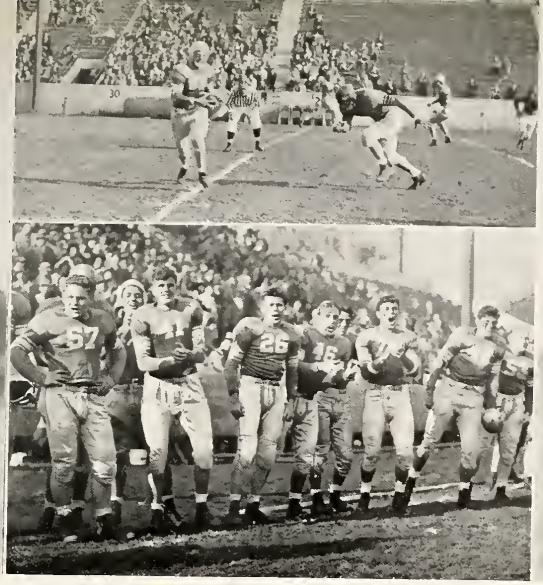
Svete—center

Baty—fullback

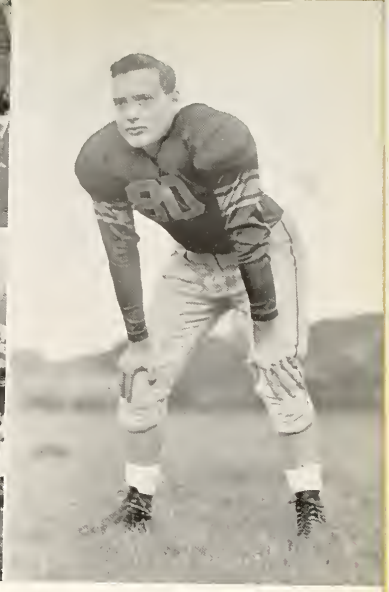
Leary—center

Gerhan—tackle

Forbes—tackle



Above: Landon runs back punt.
Below: Cheers by the squad.



Fobes—halfback

CASE vs BUCKNELL
6-21

Outrushed and badly outplayed by a powerful Bison eleven for two periods, the Scientists came to life in the second half . . . took the play away from the favored invaders, but too late to avoid the defeat. Sophomores Takacs and Dailey featured the second half attack . . . Takacs sprinting 66 yards for the Case score with one minute to play.

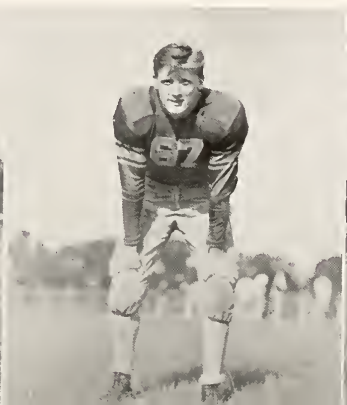
CASE vs RESERVE
0-25

Tradition . . . beauty queens . . . and a large crowd were on hand Thanksgiving morning to witness the 50th game of the time-honored University Circle rivalry. The Ridemen held their heavily favored opponent to a 6-0 score until the fourth quarter. In the last canto the Reserve machine rolled up nineteen points to decide the issue, 25-0.

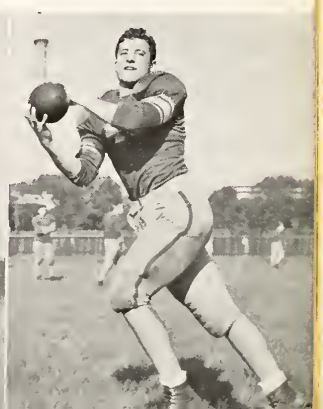
Takacs—halfback

Probost—fullback

Landon—quarterback



Manos—end

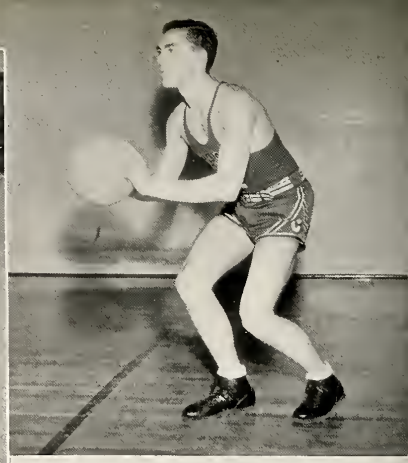


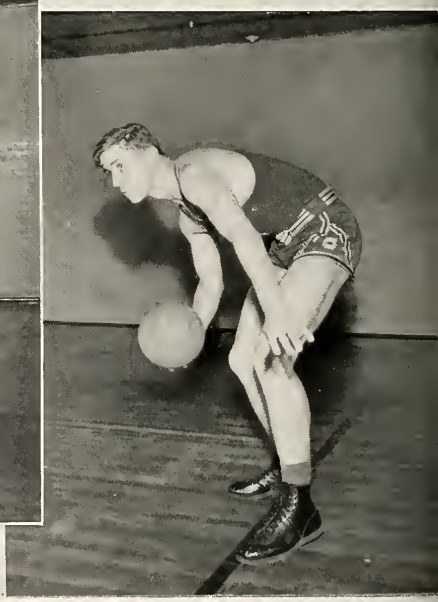
Basketball

"With the spirit we have now we'll have a scrappy bunch that will keep our opponents on their toes!" Thus, one of the squad members sounded the keynote that bodes no good for Case foes in the coming months.

Inexperience . . . that was the failing of the sophomore-studded team last year. The loss of several senior stars . . . Mlakar, Grow, Clarke, and Keto . . . will slow up the building process this winter. But . . . a year of stiff competition behind . . . several talented sophomore stars . . . a brand new will-to-win spirit . . . all lend strength to the belief that, despite the losses, this may be the season that the Rough Rider cagers will come into their own.

First Row: Paris, Mlinar, Yenny, Reiner, Jarasz, Speser, Kunsman.
Second Row: Grow, Newdome, Clark, Baietti, Dailey, Mlakar, Friedman, Coach Carlin.





Ralph Reiner . . . junior . . . good long shot . . . cool under fire . . . good ball handler.

Bill Newdome . . . sophomore . . . dead eye on either long or short shots . . . good guard . . . best prospect among sophs.

Clar Jarosz . . . sophomore . . . fastest man on the team . . . shifty . . . excellent guard . . . accurate passer.

Fred Yenny . . . junior . . . jumps high . . . dead shot under the basket . . . good overhand shot . . . fine all around player.

Al Baietti . . . can reach up and drop ball in the basket . . . good in pivot spots . . . one year's experience behind him.

Jack Bailey . . . sophomore . . . rangy . . . good man under the basket . . . exceptional guard.

Basketball Action . . .

Jarosz shoots . . .
Keto defends.
Newdome flips one in.

Yenny in the pivot
. . . Clarke guards.
Keto scores as
Baietti looks on.

Grow, Clarke, Keto, Mlakar . . . seniors . . . formed the nucleus of last year's squad. As a result of the early date of graduation, this quintet of aggressive, sharpshooting cagers have had one year of play cut off their collegiate career.

Wrestling—1942

"Pull the switch! Throw your weight on him! Pin your man!"

These are a sample of the notes of advice issuing from the fourth floor main building wrestling room as Claude Sharer prepares his charges for the grueling season ahead.

Dick Glasgow is the only holdover from last year's varsity team. Jack Botts, with an enviable record in state high school competition, seems to be the outstanding prospect on this year's team. Other hopefuls include juniors Bob Kazebee and Chuck Gardner, and sophomores George Weaver and Ed Francis.

Claude Sharer considers the tentative schedule for this year the toughest in the wrestling team's history. Kansas State, Michigan State, Franklin Marshall, Kent State, Ohio University . . . all are numbered among Case's formidable opponents.

First Row: Spencer, Poton, Conley, Bates, Pettibone, Costonzo, Romonto, Pracejus.
Second Row: Cooch Shorer, Wightman, Webster, Nusbaum, Riff, Gruener, Gardiner, Citron.
Third Row: Koerper, Lindhe, Gracely, Glosgow, Weover, Botts, Kozebee, Stomp.
Fourth Row: Hawkins, Burns, McLarty, Rankin, Francis, Morris.

WRESTLERS IN ACTION

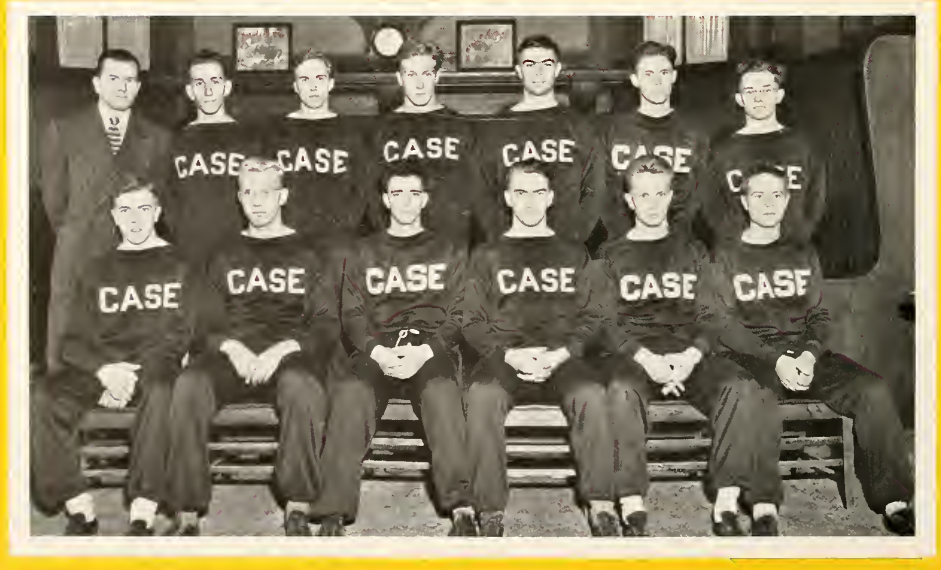
1. Rankin and Gruener in the cradle hold.
2. Kazebee and Weaver—cross-leg pick up.
3. Gracely and Stamp—Sharer in Referee's position.
4. Botts works the crucifix on Lindhe.
5. Glasgow and Gardner in an arm drag.

Track—1942

Congratulations to Coach Sharer for keeping a fine sport on its feet during such critical times. The accelerated school program prevented the completion of a more extensive track schedule. The short but successful season opened with Oberlin and Baldwin Wallace in the only triangular meet of the year. The "Casers" came home with a second place behind the powerful Oberlin squad. Next came smashing victories over Akron and Wooster with Kempf and Artner taking the honors.

Coach Sharer had a well balanced team as shown by the fact that the thin clads, paced by Eicher, Artner, and Reiner, took third place in the Big Six meet.

First Row: Jamison, Malin, Jones, Doyle, Reiner, Stirgwalt.
Second Row: Coach Sharer, Simon, Snell, Shaw, Kessler, Estabrook, Kastner.



Gamma Phi

"Hey fellows, have you seen this picture taken at the Spring Concert?" (Pres. Scherba talking) . . . "Look at that beautiful handstand!" (Andy Bodner on the parallel bars) . . . "And everything was in rhythm . . . muscles and music!"

This was overheard as the boys on the bars were reminiscing about their performance with the boys in the band. Gil Nyerges, Andy Bodner, and Emil Scherba were responsible for individual demonstrations, and Hal Kessler led the precision exercises.

Every meeting finds plenty of activity in the gym. A glance around reveals the versatility of this organization, for everyone is doing something different.

First Row: Konker, Voelker, Pracejus, Bodner, Schurr. **Second Row:** Nyerges, Scherbo, Kessler.

First Row: Coach Sharer, Jamison, Tintsman, Berger, Carlin, Shaw.
Second Row: Shelley, Robbins, Fulton, Bridges, Weiss, Nudd.

Cross Country

Another successful season . . . that is how the fall campaign of Coach Claude Sharer's harriers may be described. Three returning veterans . . . senior Tom Tintsman, and juniors Dick Jamison and Jack Carlin . . . furnished the nucleus of a strong squad which captured three meets and finished third in the Ohio Conference competition at Ashland.

With Jamison setting the pace . . . he won the event in each of Case's triumphs . . . the Sharer thin clads defeated Hiram, Bethany, and Oberlin in dual meets; and placed second to Bowling Green in a triangular meet that included Ashland. In the Conference event on the Ashland course the Bowling Green entry again out-distanced the Engineers, with Oberlin coming home in second place.

First Row: Haffman, Weisman, Baehmer, Gregory, Thackery, Farrar, Shaw.
Second Row: Bromson, Quigley, Johns, Weaver, Gensert.

Fencing

A final flourish of victories to do honors to a grand coach . . . that is the bill d'affaire for the Case fencing squad this season. This will be the last year that Case students will have the outstanding services of coach Lucien Morris. This year's squad, facing the loss of Captain Pat Quigley and Manager Charlie Johns in December, has a mighty stiff schedule in the offing. Possible matches this year include Ohio State, Michigan State, and Oberlin . . . a triple threat of foreboding foilers. The early loss of seniors is already being compensated for by a large group of about thirty belligerent frosh who have been turning out for practice. Yes, it looks like another tough season filled with thrills is in store for our off-the-record Errol Flynns.

First Row: Porter, Hofstatter, Carleton, Trudeau, Erdmann, Britton, Keidel.
Second Row: Fuller, Mlynko, Kuntz, Gundlach, Parsons, Howe, Poffenberger, Gelman.

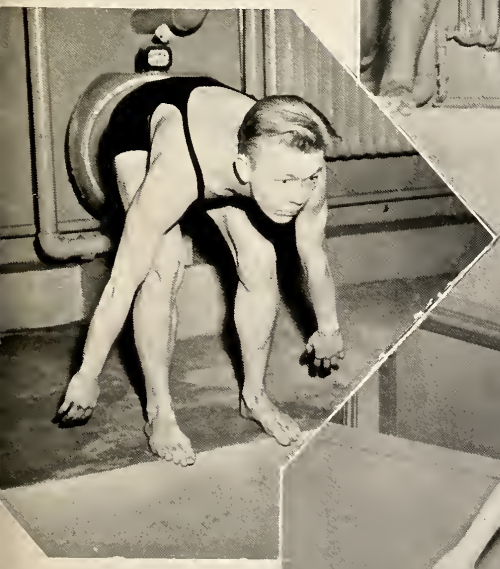
Swimming

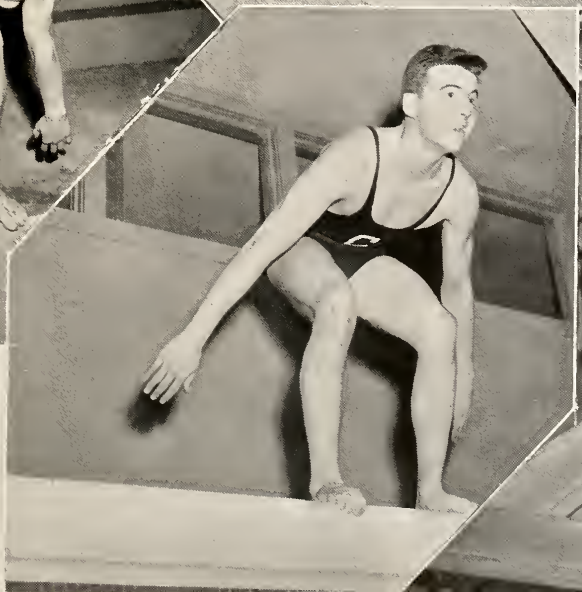
A new coach . . . modernized pool . . . excellent sophomore talent . . . that is the story of this year's swimming squad. Pat Young . . . former Olympic champ and new coach . . . replaces Harry Kyr, our hard working mentor last year. Despite the handicap of the Case Club pool not being available, and the late arrival of the new coach . . . the Case mermen survey the tough schedule with high hope.

Two classes were lost by graduation, but Kent State, Kenyon, Wooster, Oberlin, and the rest of the Ohio Conference are in for some mighty rugged afternoons. Bill Porter, "Doc" Kuntz, and Lyle Gundlach are three men who won state honors as freshmen. Carleton, Hofstatter, Erdmann, and other sophomore talent form a nucleus for a squad that will do battle with the best of them.

SWIMMERS READY FOR ACTION

1. Kuntz.
2. Crampton, Erdmann, Parsons, Gundlach.
3. Britton.
4. Porter
5. Hofstatter.





Intramurals

Toughest job on the campus . . . all work and no glory . . . that's the inheritance of the intramural managers. To these men go the duties of arranging schedules, keeping score, and setting rules for the rapidly changing calendar of intramural activities.

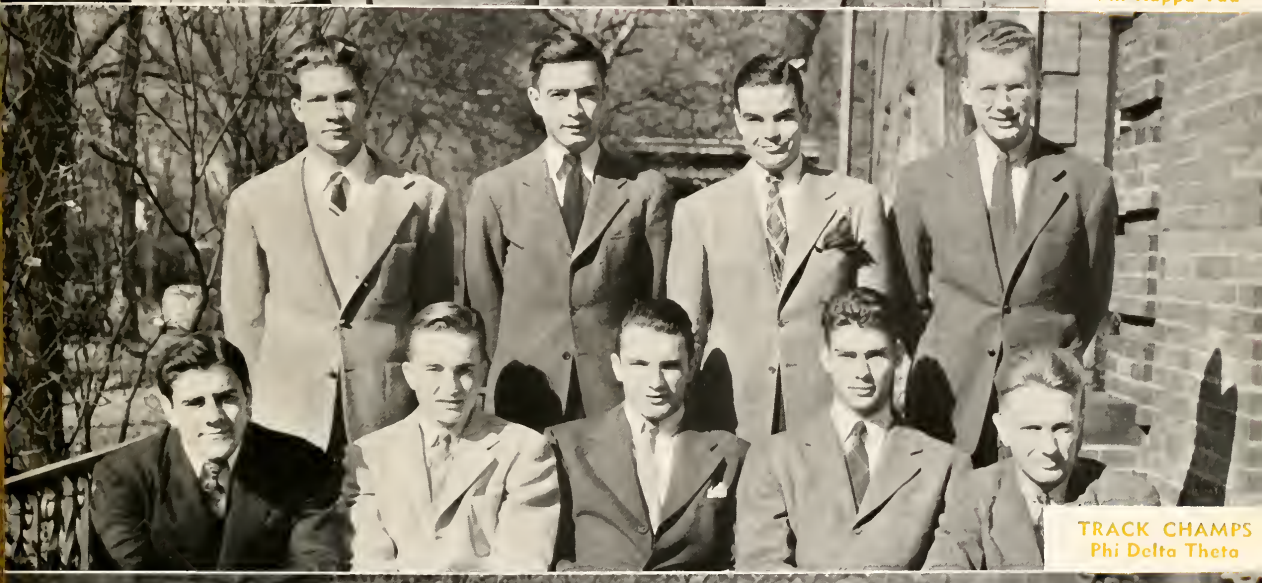
With the loss to the army of our Intramural Director, genial Harry Kyr, the responsibility of directing this department was taken over this fall by Doc Rees, our good natured trainer deluxe, and veteran of eleven years' service at Case.

Each intramural manager finds it necessary to spend at least three evenings a week at the Case Club performing his duties during the various sport seasons.

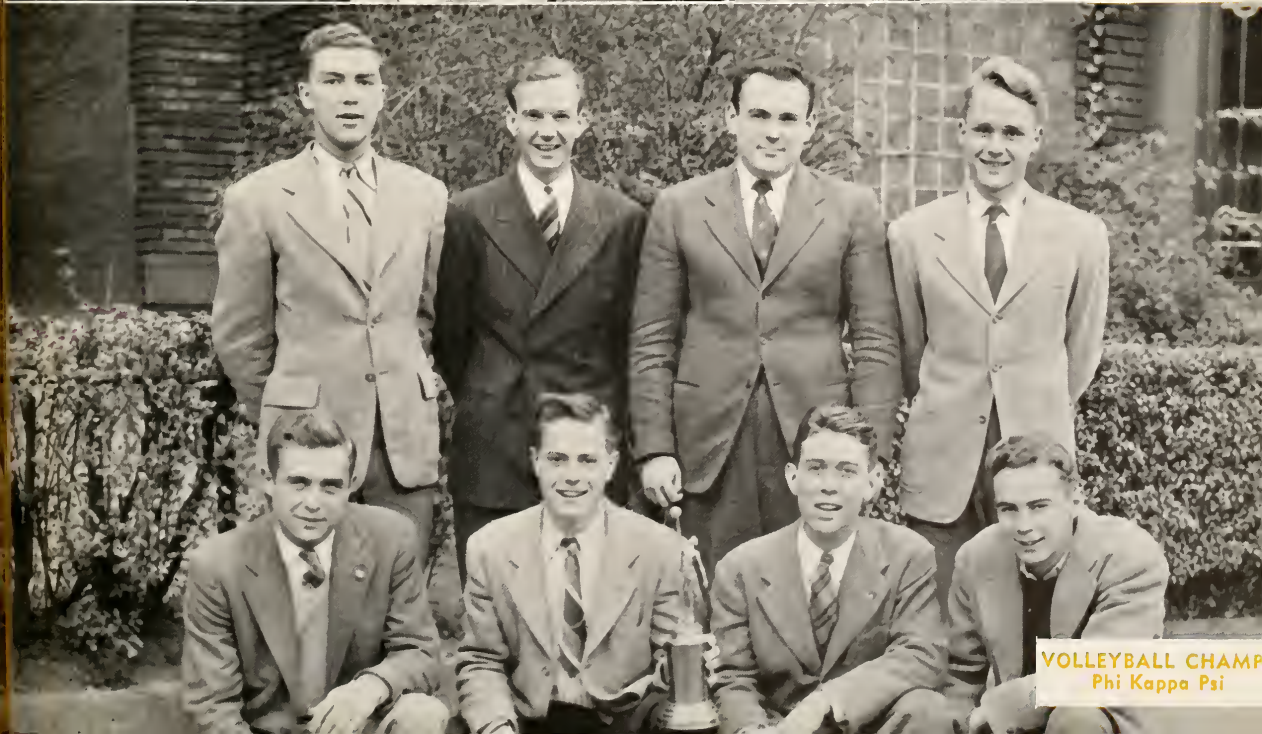
Francis, Stirgwolt, Stewart, Cockrell

Intramural Champions—1942

BOWLING CHAMP
Phi Kappa Tau



TRACK CHAMPS
Phi Delta Theta



VOLLEYBALL CHAMP
Phi Kappa Psi

Thank You . . .

Well, it's all over! It's been a tough job to publish this Case **Differential,** but we've all had lots of fun doing it! We of the staff only hope that you men of Case really like your yearbook. We have sincerely tried to make it a book which you will enjoy not only at the present but in the future as well.

Without the combined efforts of many people, there wouldn't have been a **Differential.** So I want to thank the following for their help and to express the keen enjoyment that I have derived from working with them:

"Pat" Partridge, of the Chesshire Photographers, Russ Benson, of the Indianapolis Engraving Company, and Lester Kisabeth, of the Gray Printing Company, for their patience, advice, and hard work during the trying days of production.

Alex Silverberg, official campus photographer of the **Differential,** for his terrific group shots and candids.

Professor H. R. Young, for his thorough direction of the editorial policies and Professor George Mills, adviser of the business staff.

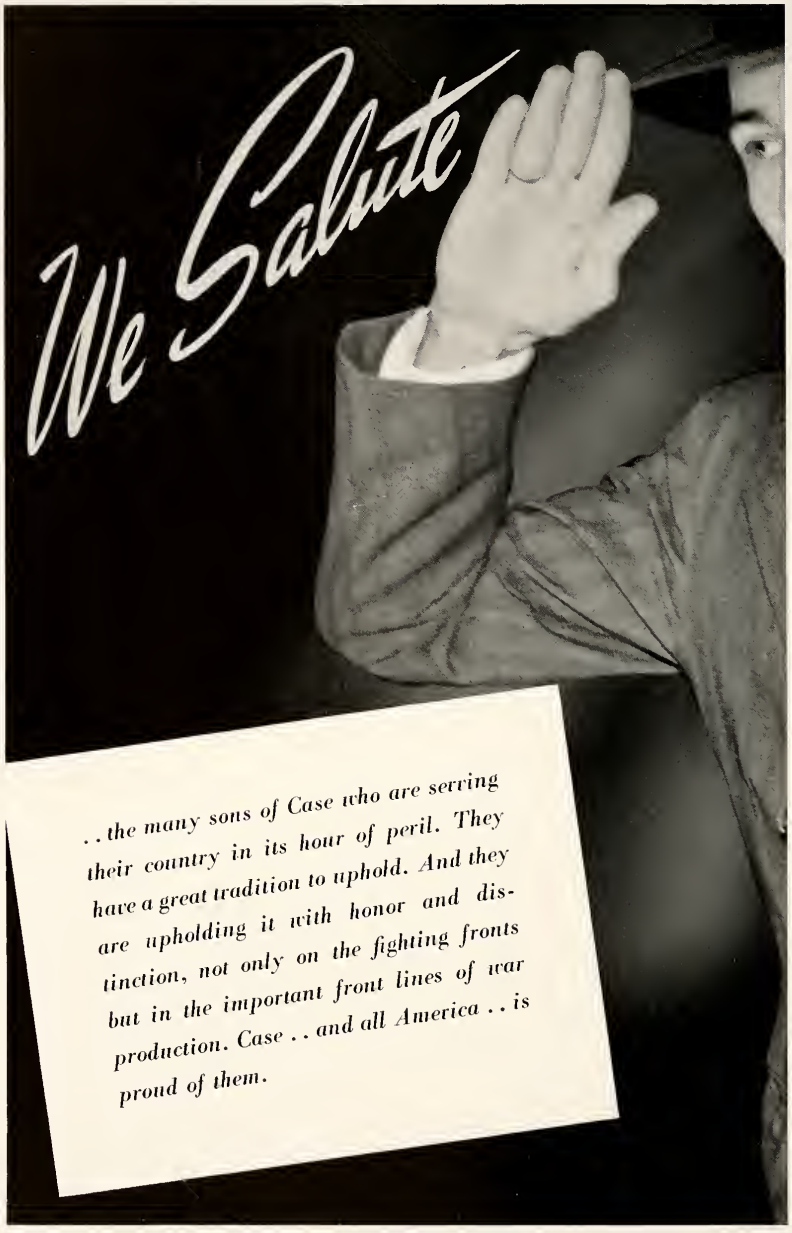
And last, but most important, the Staff. Congratulations, "Wild Will", "Sandusky Bill," and Jack for a wonderful job. Nice goin' Pinky, Joe, Glenn, Bob, Russ, Ernie, Allan, and Cal. And the sophomores and freshmen, you were indispensable.

Thanks again for working so hard.

Sincerely yours,

George Wennes, Jr.
Editor

Advertisements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Lew Cawrse, 1924

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President

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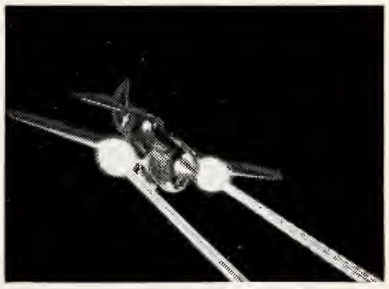

This fighter plane, with its six wing guns spitting fire, uses up enough copper every minute to make several miles of telephone line.

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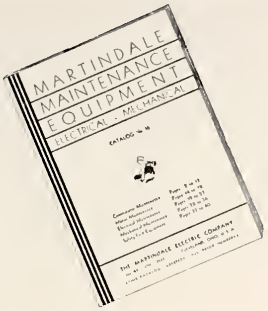

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Casey: "Yeah."

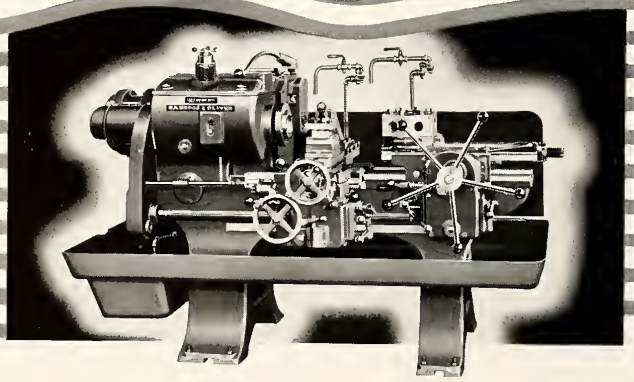
Mather: "Some stars."

Casey: "Yeah."

Mather: "Some dew on the grass."

Casey: "Yeah? I don't."

BARDONS & OLIVER



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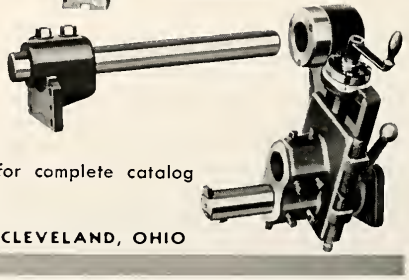

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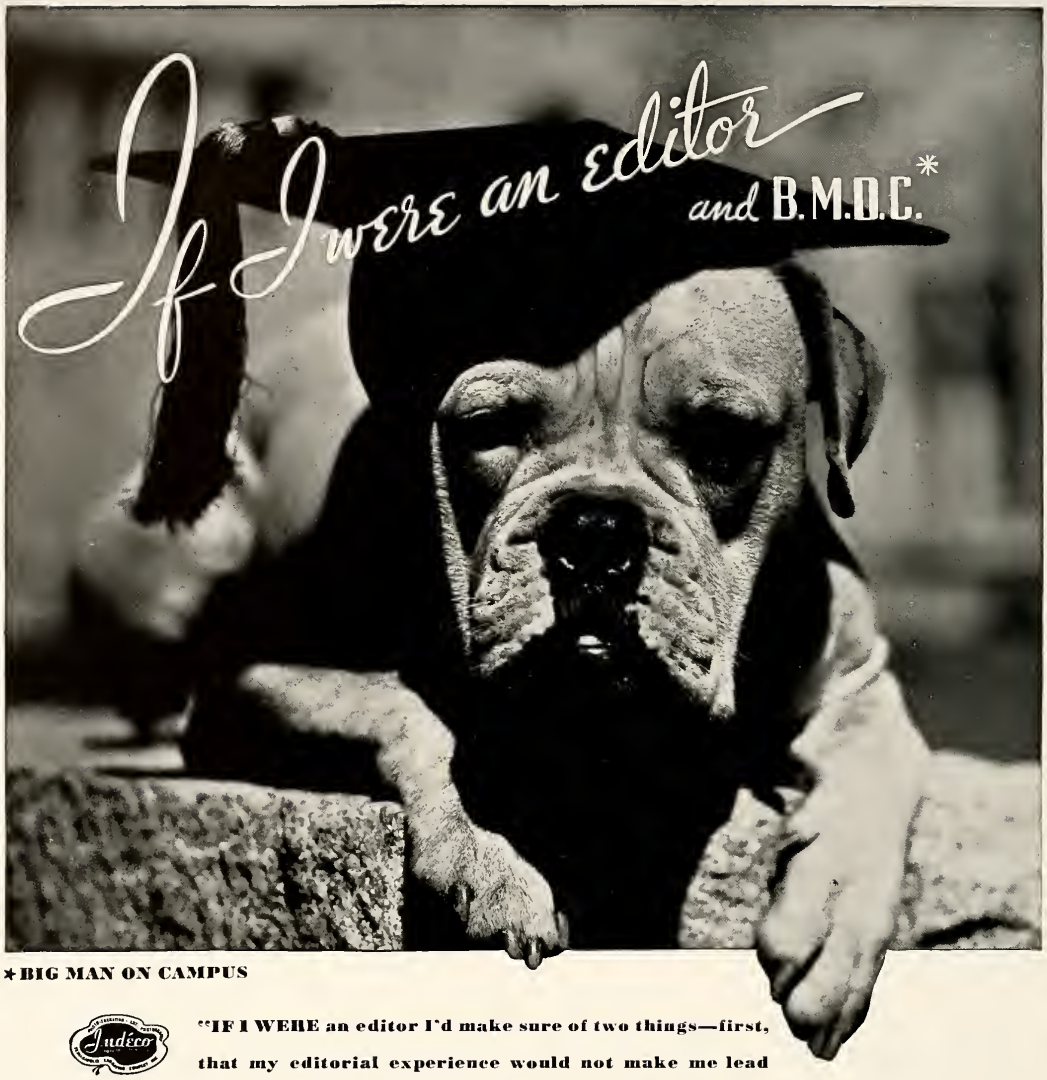

*BIG MAN ON CAMPUS

"IF I WERE an editor I'd make sure of two things—first, that my editorial experience would not make me lead a dog's life, and second, I'd not be consistently in the dog house with every one including my instructors because of my yearbook activity. My way would be to choose an outfit that does more than put their feet on my desk and pat me on the back. I'd call for Iudeco service because it is complete and the best help an editor can get in producing an unusual annual within his budget. Ask the staff on this book if I'm not right."

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Girl Friend: "All right, thank you."

Cole: "I guess I have the wrong number."

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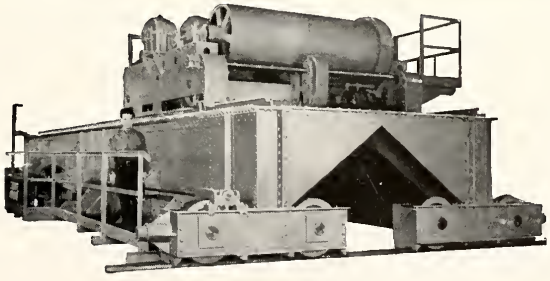

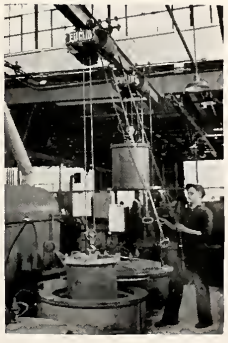

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